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Summary of Changes

This section describes the technical changes made in this edition.
This edition might also include minor corrections and editorial changes which are not identified.

August 1, 2018 - Version 528

Additions in this update

►**New product(s)**
None

►**New model(s)**
ThinkPad A485 new models announced July 2018
ThinkPad P52 new models announced July 2018
ThinkPad T480s new models announced July 2018

►**Others**
None

Withdrawals in this update

►**Withdrawn product(s)**
None

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ThinkPad 11e (5th Gen) Platform Specifications

Processor

7th Generation Intel® Core™ m / i5 Processor, Intel Celeron® processor, or Intel Pentium® Silver processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics
m3-7Y30	2	4	1.0 GHz	2.6 GHz	4MB	LPDDR3-1866	Intel HD Graphics 615
i5-7Y54			1.2 GHz	3.2 GHz	4MB		
Celeron N4100	4		1.1 GHz	2.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Pentium Silver N5000			1.1 GHz	2.7 GHz	4MB		Intel UHD Graphics 605

Graphics

Intel HD Graphics 615, Intel UHD Graphics 600 or 605 in processor,
supports external digital monitor via HDMI or USB Type-C;
supports dual independent display;
Max resolution: 3840x2160@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

4GB or 8GB / 1866MHz LPDDR3 or 2400MHz DDR4 /
soldered to systemboard, no sockets

Display

Some: 11.6" (295mm) HD (1366x768), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio

Some: 11.6" (295mm) HD (1366x768), anti-glare, LED backlight, IPS, multi-touch, 250 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle

Multi-touch

Capacitive-type multi-touch, supports 10-finger gesture (HD IPS only)

Storage

eMMC flash memory on board or
M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s

Optical

None

Ethernet

Realtek RTL8111GUS Gigabit Network Connection

WLAN + Bluetooth™

One of the following, configurable by model:

- Intel Wireless-AC 9260, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card
- Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card (US only)

WWAN

None

Dimensions

WxDxH: 11.81" x 8.27" x 0.86"; 300mm x 210mm x 21.9mm

Weight

Starting at 2.99 lb (1.36 kg)

Case color

Black

Case material

Display cover: PC/ABS+GF;
Bottom: PC/ABS plastic

Media reader

MicroSD card reader

Ports

Two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1,
HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack,
microSD card reader, security keyhole

Camera

HD720p camera, fixed focus

Audio support

HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ / stereo speakers, 2W x 2 / monaural digital microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

Touchpad

Buttonless Mylar surface touchpad below keyboard, multi-touch

Security

Power-on password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro

None

Fingerprint reader

None

NFC

None

Battery

Integrated Li-Ion 42Wh battery

Max battery life

MobileMark® 2014: 13.9 hr

AC adapter

45W or 65W slim tip AC adapter

Preload

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Lenovo
March 2018

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20LQ0001US	US	m3-7Y30	No	Intel HD 615	4GBx1 LPDDR3-1866	11.6" HD (1366x768)	None	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/18
20LQ0002US	US	m3-7Y30	No	Intel HD 615	4GBx1 LPDDR3-1866	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/18
20LQ0007US	US	m3-7Y30	No	Intel HD 615	4GBx1 LPDDR3-1866	11.6" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/18
20LQ000GUS	US	Celeron N4100	No	Intel UHD 600	4GBx1 DDR4-2400	11.6" HD (1366x768)	None	128GB eMMC	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	02/18
20LQ000HUS	US	Celeron N4100	No	Intel UHD 600	4GBx1 DDR4-2400	11.6" HD (1366x768)	None	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	02/18
20LQ000JUS	US	Celeron N4100	No	Intel UHD 600	4GBx1 DDR4-2400	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	02/18
20LQ000KUS	US	Celeron N4100	No	Intel UHD 600	4GBx1 DDR4-2400	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB eMMC	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	02/18
20LQ000LUS	US	Celeron N4100	No	Intel UHD 600	8GBx1 DDR4-2400	11.6" HD (1366x768)	None	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	02/18
20LQ000MUS	US	Pentium Silver N5000	No	Intel UHD 605	8GBx1 DDR4-2400	11.6" HD (1366x768)	None	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	02/18
20LQ000NUS	US	Pentium Silver N5000	No	Intel UHD 605	8GBx1 DDR4-2400	11.6" HD (1366x768) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT5.0	720p	Non-backlit	None	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/18

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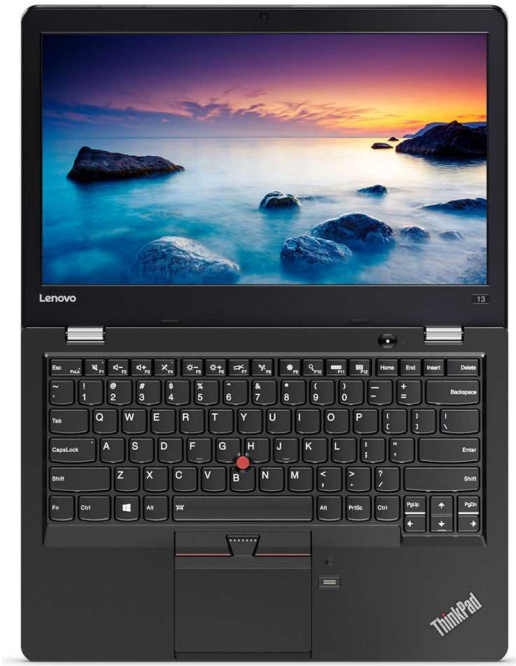

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ThinkPad 13 (2nd Gen) Platform Specifications

Processor

Intel® Celeron® Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3865U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7100U		4	2.4 GHz	-	3MB		Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		

Graphics

Intel HD Graphics 610 or 620 in processor,
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz, 3840x2160 (USB Type-C)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2133MHz DDR4, two DDR4 SO-DIMM sockets

Display

Some: 13.3" (338mm) HD (1366x768), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

One of the following, configurable by model:
- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical

None

Ethernet

Gigabit Ethernet via the accessional ThinkPad OneLink+ to RJ45 Adapter (4X90K06975) or ThinkPad OneLink+ to VGA/RJ45 adapter (4X90J31060) (by native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))

WLAN
Bluetooth™

Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
* *Intel 8265ac card supports Bluetooth 4.2 but is limited to BT 4.1 by Windows OS*

WWAN

None

Dimensions

WxDxH (silver): 12.69" x 8.77" x 0.75"; 322.4mm x 222.8mm x 19.1mm
WxDxH (black): 12.69" x 8.77" x 0.78"; 322.4mm x 222.8mm x 19.8mm

Weight

Starting at 3.17 lb / 1.44 kg

Case color

Pure Black or Silver

Case material

Black cover: PC/ABS plastic;
Silver cover: Aluminum

Smart card reader

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.1 Gen 1 (USB 3.0, one Always On), one USB Type-C, HDMI, Lenovo OneLink+ connector

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard
UltraNav™

6-row, multimedia Fn keys, optional LED backlight
TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: swipe style fingerprint reader on the palm rest

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life

MobileMark® 2014: 14.56 hr

AC adapter

45W slim tip AC adapter

Preload

Some: Windows® 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Finger-print Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20J10006US	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J1000AUS	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J1000EUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J1001BUS	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J1001CUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	12/16
20J1001DUS	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J1001EUS	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J1001FUS	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J1001GUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Backlit	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	12/16
20J1001HUS	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J1001JUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	12/16
20J10022US	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	180GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	01/17
20J10023US	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	180GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	01/17
20J10024US	US	i5-7300U	vPro	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	180GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	03/17
20J10025US	US	i5-7300U	vPro	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	03/17
20J10045US	US	Celeron 3865U	No	Intel HD 610	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	03/17
20J10046US	US	Celeron 3865U	No	Intel HD 610	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	03/17
20J10047US	US	Celeron 3865U	No	Intel HD 610	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	03/17
20J10048US	US	Celeron 3865U	No	Intel HD 610	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	03/17
20J10049US	US	Celeron 3865U	No	Intel HD 610	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	03/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Finger-print Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20J1004AUS	US	Celeron 3865U	No	Intel HD 610	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	1-year, Depot	03/17
20J1004BUS	US	Celeron 3865U	No	Intel HD 610	4GBx2	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	03/17
20J1004CUS	US	Celeron 3865U	No	Intel HD 610	4GBx2	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Backlit	Finger-print Reader	dTPM 2.0	3-cell (42Wh)	45W Slim Tip	Windows 10 Pro 64	3-year, Depot	03/17

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ThinkPad 13 Chromebook Platform Specifications

Processor

Intel® Celeron® Processor or 6th Generation Intel Core™ i3 / i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3855U	2	2	1.6 GHz	-	2MB	LPDDR3-1866	Intel HD graphics 510
i3-6100U		4	2.3 GHz	-	3MB		Intel HD graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		

Graphics

Intel HD Graphics 510 or 520 in processor,
supports external digital monitor via USB Type-C;
supports three independent displays;
Max resolution: 3840X2160 (USB Type-C)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

4GB or 8GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets

Display

Some: 13.3" (338mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 220 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 13.3" (338mm) FHD (1920x1080), glossy, LED backlight, IPS, multi-touch, 250 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

Capacitive-type multi-touch, supports 10-finger gesture

Storage

16GB or 32GB eMMC (embedded Multi Media Card) flash memory on board

Optical

None

Ethernet

None

WLAN[4]

11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

Dimensions[3]

WxDxH: 12.69" x 8.77" x 0.78"; 322.4mm x 222.8mm x 19.8mm

Weight[2]

Starting at 3.1 lb / 1.41 kg

Case color

Pure Black

Case material

PC/ABS plastic

Smart card reader

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0 (Always On), two USB Type-C

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Nuvoton NAU88L25B codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

ThinkPad Chrome keyboard, 6-row, multimedia Fn keys

Touchpad

Buttonless touchpad below keyboard, multi-touch

Security

Security keyhole

Security chip

Discrete TPM 1.2, TCG Certified

vPro

None

Fingerprint reader

None

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life[10]

10 hr

AC adapter

45W USB Type-C AC adapter

Preload

Google Chrome OS

Limited warranty[12]

1-year depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Lenovo
March 2018

Model	Region	Processor	vPro	Graphics	Storage	Memory (Soldered)	Display	Multi-touch	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GL0000US	US	Celeron 3855U	No	Intel HD 510	16GB eMMC	4GB Soldered	13.3" HD (1366x768) Anti-glare	None	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W USB-C	Chrome OS	1-year, Depot	05/16
20GL0002US	US	i3-6100U	No	Intel HD 520	16GB eMMC	4GB Soldered	13.3" HD (1366x768) Anti-glare	None	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W USB-C	Chrome OS	1-year, Depot	05/16
20GL0004US	US	i5-6300U	No	Intel HD 520	32GB eMMC	8GB Soldered	13.3" FHD (1920x1080) IPS Anti-glare	None	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W USB-C	Chrome OS	1-year, Depot	05/16
20GL0005US	US	i5-6300U	No	Intel HD 520	32GB eMMC	8GB Soldered	13.3" HD (1366x768) Anti-glare	None	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W USB-C	Chrome OS	1-year, Depot	05/16
20GL0006US	US	Celeron 3855U	No	Intel HD 510	16GB eMMC	4GB Soldered	13.3" FHD (1920x1080) IPS Glossy	10-point Multi-touch	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W USB-C	Chrome OS	1-year, Depot	10/16
20GL0007US	US	i5-6300U	No	Intel HD 520	32GB eMMC	8GB Soldered	13.3" FHD (1920x1080) IPS Glossy	10-point Multi-touch	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W USB-C	Chrome OS	1-year, Depot	10/16
20GL0008US	US	i3-6100U	No	Intel HD 520	16GB eMMC	4GB Soldered	13.3" FHD (1920x1080) IPS Glossy	10-point Multi-touch	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W USB-C	Chrome OS	1-year, Depot	10/16

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ThinkPad A275 Platform Specifications

Processor

AMD PRO A-Series APUs

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
PRO A10-8730B	4	4	2.4 GHz	3.3 GHz	2MB	DDR4-1866	AMD Radeon™ R5 Graphics
PRO A12-8830B			2.5 GHz	3.4 GHz			AMD Radeon R7 Graphics
PRO A10-9700B			2.5 GHz	3.4 GHz			
PRO A12-9800B			2.7 GHz	3.6 GHz			

** Windows 7 is only supported by PRO A10-8730B and PRO A12-8830B*

Graphics

AMD Radeon R5 or R7 Graphics in processor only;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2160@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

AMD SoC (System on Chip) platform

Memory

16GB max / 1866MHz DDR4, one DDR4 SO-DIMM socket

Display

Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only, US only)

Storage

System has one HDD slot or one M.2 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s

Optical

None

Ethernet

Realtek® RTL8111EPV Gigabit Ethernet connection

WLAN
Bluetooth™

Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** WLAN card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) SIM card

Dimensions

WxDxH: 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm

Weight

Models	*No + 3-cell*	*3-cell + 3-cell*	*3 + 6-cell*
Weight	2.79 lb / 1.27 kg	2.98 lb / 1.36 kg	3.33 lb / 1.52 kg

Case color

Black

Case material

Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45)

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*

HD720p resolution, fixed focus

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

dTPM 1.2: discrete TPM 1.2, TCG Certified
dTPM 2.0: discrete TPM 2.0, TCG Certified

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest

NFC

None

Internal battery

Optional: Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*

External battery

Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh)*

Max battery life (*MobileMark® 2014*)

Models	*No + 3-cell*	*3-cell + 3-cell*	*3-cell + 6-cell 48Wh*
Max battery life	5.05 hr	10.1 hr	15.6 hr

AC adapter

45W slim tip AC adapter or 45W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20KD0013US	US	AMD PRO A12-9800B	AMD R7 Graphics	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	09/17
20KD0014US	US	AMD PRO A12-9800B	AMD R7 Graphics	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	09/17
20KD0015US	US	AMD PRO A12-9800B	AMD R7 Graphics	16GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	09/17
20KD0016US	US	AMD PRO A12-9800B	AMD R7 Graphics	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	09/17
20KD0017US	US	AMD PRO A10-9700B	AMD R7 Graphics	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	09/17
20KD0018US	US	AMD PRO A10-8730B	AMD R5 Graphics	8GBx1	12.5" FHD (1920x1080) IPS	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	09/17
20KD0019US	US	AMD PRO A10-8730B	AMD R5 Graphics	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	09/17
20KD001AUS	US	AMD PRO A10-8730B	AMD R5 Graphics	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	09/17
20KD001QUS	US	AMD PRO A12-8830B	AMD R7 Graphics	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	11/17
20KD001RUS	US	AMD PRO A12-8830B	AMD R7 Graphics	16GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	11/17
20KD001SUS	US	AMD PRO A12-8830B	AMD R7 Graphics	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	11/17
20KD001TUS	US	AMD PRO A12-8830B	AMD R7 Graphics	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	11/17

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ThinkPad A475 Platform Specifications

Processor

AMD PRO A-Series APUs

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
PRO A10-8730B	4	4	2.4 GHz	3.3 GHz	2MB	DDR4-1866	AMD Radeon™ R5 Graphics
PRO A12-8830B			2.5 GHz	3.4 GHz			AMD Radeon R7 Graphics
PRO A10-9700B			2.5 GHz	3.4 GHz			
PRO A12-9800B			2.7 GHz	3.6 GHz			

** Windows 7 is only supported by PRO A10-8730B and PRO A12-8830B*

Graphics

AMD Radeon R5 or R7 Graphics in processor only;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2160@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

AMD SoC (System on Chip) platform

Memory

32GB max / 1866MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 350:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only, US only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

Optical

None

Ethernet

Realtek® RTL8111EPV Gigabit Ethernet connection

WLAN
Bluetooth™

Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** WLAN card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) SIM card

Dimensions

WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm

Weight

Models	*3-cell or 3 + 3-cell*	*6-cell or 3 + 6-cell*
Magnesium	3.49 lb / 1.58 kg	3.92 lb / 1.78 kg
PPS	3.63 lb / 1.65 kg	4.35 lb / 1.85 kg

Case color

Black

Case material

Display cover: Magnesium Hybrid or PPS (Magnesium Hybrid for US only);
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I

Ports

Three USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 2, HDMI 1.4b, Ethernet (RJ-45), Dock connector

Monitor cable

Optional: Lenovo USB-C to VGA Adapter

Camera *(optional)*

HD720p resolution, fixed focus

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

dTPM 1.2: discrete TPM 1.2, TCG Certified
dTPM 2.0: discrete TPM 2.0, TCG Certified

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the keyboard bezel

NFC

None

Internal battery

Optional: Integrated Li-Polymer 3-cell *(24Wh)*

External battery

Li-Polymer 3-cell *(24Wh)* or Li-Ion 6-cell *(48Wh)*

Max battery life (*MobileMark® 2014*)

Models	*3-cell*	*3 + 3-cell*	*6-cell 48Wh*	*3 + 6-cell 48Wh*
Max battery life	5.13 hr	10.26 hr	10.26 hr	15.4 hr

AC adapter

45W or 65W slim tip AC adapter, 45W or 65W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Case Material	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20KL0016US	US	AMD PRO A10-9700B	AMD R7 Graphics	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	09/17
20KL0017US	US	AMD PRO A12-9800B	AMD R7 Graphics	8GB	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	09/17
20KL0018US	US	AMD PRO A12-9800B	AMD R7 Graphics	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	09/17
20KL0019US	US	AMD PRO A12-9800B	AMD R7 Graphics	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	09/17
20KL001AUS	US	AMD PRO A12-9800B	AMD R7 Graphics	16GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	09/17
20KL001BUS	US	AMD PRO A10-8730B	AMD R5 Graphics	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	09/17
20KL001CUS	US	AMD PRO A10-8730B	AMD R5 Graphics	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	09/17
20KL001DUS	US	AMD PRO A10-8730B	AMD R5 Graphics	8GB	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	09/17
20KL001PUS	US	AMD PRO A12-8830B	AMD R7 Graphics	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	11/17
20KL001QUS	US	AMD PRO A12-8830B	AMD R7 Graphics	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	11/17
20KL001RUS	US	AMD PRO A12-8830B	AMD R7 Graphics	16GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	11/17
20KL001SUS	US	AMD PRO A12-8830B	AMD R7 Graphics	8GB	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	11/17

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ThinkPad A485 Platform Specifications

Processor

AMD Ryzen™ PRO Mobile Processors with Radeon™ Vega Graphics

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	L2 Cache	Memory Types	Processor Graphics
Ryzen 3 PRO 2300U	4	4	2.0 GHz	3.4 GHz	2MB	DDR4-2400	Radeon Vega 6 Graphics
Ryzen 5 PRO 2500U		8	2.0 GHz	3.6 GHz			Radeon Vega 8 Graphics
Ryzen 7 PRO 2700U		8	2.2 GHz	3.8 GHz			Radeon Vega 10 Graphics

Graphics

AMD Radeon Vega 6, Vega 8, or Vega 10 Graphics in processor only;
supports external digital monitor via HDMI or USB Type-C;
supports four independent displays;
Max resolution: 5120x2880@60Hz (USB Type-C); 4096x2160@60Hz (HDMI)

Chipset

AMD SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* *Installed DIMMs are actually 2666MHz but run at 2400MHz due to AMD limitation*

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN

Optical

None

Ethernet

Realtek® RTL8111GUL Gigabit Ethernet connection

WLAN
Bluetooth™

Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

Integrated Mobile Broadband 4G LTE-A,
Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions

WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm

Weight

Models	*24Wh or 24Wh + 24Wh*	*48Wh, 72Wh, or 24Wh + 48Wh / 72Wh*
Magnesium	3.49 lb / 1.58 kg	3.92 lb / 1.78 kg
PPS	3.63 lb / 1.65 kg	4.08 lb / 1.85 kg

Case color

Black

Case material

Display cover: Magnesium Hybrid or PPS;
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I

Ports

One USB 3.1 Gen 1 (Always On), one USB 3.1 Gen 2,
two USB 3.1 Type-C Gen 2, HDMI 2.0, Ethernet (RJ-45),
nano-SIM card slot (WWAN models), headphone / microphone combo jack,
optional smart card reader, 4-in-1 media reader (MMC, SD, SDHC, SDXC),
side docking connector, security keyhole

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*

One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support

HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard
UltraNav™

6-row, spill-resistant, multimedia Fn keys, optional LED backlight
TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the keyboard bezel

NFC

None

Battery

Integrated Li-Ion 24Wh battery and
external Li-Ion 24Wh, 48Wh, or 72Wh battery

Max battery life (*MobileMark® 2014*)

Models	*24Wh*	*48Wh*	*72Wh*	*24Wh + 24Wh*	*24Wh + 48Wh*	*24Wh + 72Wh*
Max battery life	5.37 hr	10.76 hr	16.4 hr	10.76 hr	16.4 hr	22.15 hr

AC adapter

45W or 65W USB Type-C AC adapter

Preload

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Case Material	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20MU000HUS	US	AMD Ryzen 5 PRO 2500U	AMD Vega 8 Graphics	8GBx1	14" FHD (1920x1080) IPS	None	128GB SSD	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000JUS	US	AMD Ryzen 5 PRO 2500U	AMD Vega 8 Graphics	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000KUS	US	AMD Ryzen 7 PRO 2700U	AMD Vega 10 Graphics	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000LUS	US	AMD Ryzen 3 PRO 2300U	AMD Vega 6 Graphics	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20MU000MUS	US	AMD Ryzen 7 PRO 2700U	AMD Vega 10 Graphics	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000NUS	US	AMD Ryzen 7 PRO 2700U	AMD Vega 10 Graphics	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000PUS	US	AMD Ryzen 5 PRO 2500U	AMD Vega 8 Graphics	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20MU000QUS	US	AMD Ryzen 3 PRO 2300U	AMD Vega 6 Graphics	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20MU000RUS	US	AMD Ryzen 5 PRO 2500U	AMD Vega 8 Graphics	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000SUS	US	AMD Ryzen 7 PRO 2700U	AMD Vega 10 Graphics	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000TUS	US	AMD Ryzen 5 PRO 2500U	AMD Vega 8 Graphics	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000UUS	US	AMD Ryzen 7 PRO 2700U	AMD Vega 10 Graphics	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20MU000VUS	US	AMD Ryzen 5 PRO 2500U	AMD Vega 8 Graphics	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20MU000WUS	US	AMD Ryzen 7 PRO 2700U	AMD Vega 10 Graphics	16GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18

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ThinkPad E475 Platform Specifications

Processor

AMD Accelerated Processor A6 or A10 APU

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
A6-9500B	2	4	2.3 GHz	3.2 GHz	2MB	DDR4-1866	R5 Graphics
A10-9600P	4	8	2.4 GHz	3.3 GHz	2MB		

Graphics

AMD Radeon™ R5 Graphics in processor only, or
AMD Radeon R5 M430 Graphics, 2GB DDR3 memory,
digital monitor support via HDMI™;
supports dual independent display;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

AMD SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
*System automatically clocks down with 1866MHz DDR4 memory controller

Display

14.0" (355mm) HD (1366x768), anti-glare, LED backlight,
220 nits, 16:9 aspect ratio, 400:1 contrast ratio

Multi-touch

None

Storage

Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable

Optical

None

Ethernet

Gigabit Ethernet Connection, Realtek R8111GUS

WLAN

One of the following, configurable by model:

- QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

SIM card

None

Dimensions

WxDxH: 13.35" x 9.53" x 0.93"; 339mm x 242mm x 23.7mm

Weight

Starting at 4.12 lb / 1.87kg

Case color

Black

Case material

PC/ABS plastic

Smart card reader

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45),
combo audio / microphone jack

Camera

HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec,
Dolby® Audio™ Premium, stereo speakers, 2W x 2,
dual array microphone, combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

FW TPM2.0: Firmware TPM 2.0, integrated in chipset
dTPM2.0: Discrete TPM 2.0, TCG Certified

Fingerprint reader

None

NFC

None

Battery

Li-Polymer 3-cell (45Wh)

Max battery life

MobileMark® 2014: 6.5 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter

45W or 65W slim tip AC adapter

Preload *(optional)*

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

1-year depot repair service

Mil-Spec test

None

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20H40006US	US	AMD A6-9500B	AMD R5 Graphics	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	dTPM 2.0	45Wh	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H40007US	US	AMD A10-9600P	AMD R5 M430 2GB	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	45Wh	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H40008US	US	AMD A10-9600P	AMD R5 M430 2GB	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	45Wh	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H40009US	US	AMD A6-9500B	AMD R5 Graphics	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	dTPM 2.0	45Wh	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H4000AUS	US	AMD A10-9600P	AMD R5 M430 2GB	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	45Wh	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H4000DUS	US	AMD A10-9600P	AMD R5 M430 2GB	8GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	45Wh	65W	Windows 10 Pro 64	1-year, Depot	01/17

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ThinkPad E480 Platform Specifications

Processor

7th Generation Intel® Core™ i3 / i5 Processor
(i3-7130U is NOT available in US and EMEA) or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i3-7130U			2.7 GHz	-	3MB		
i5-7200U			2.5 GHz	3.1 GHz	3MB		

8th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and
AMD Radeon RX 550 Graphics, 2GB DDR5 memory;
supports external digital monitor via HDMI or USB Type-C;
supports dual independent display;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset
Intel SoC (System on Chip) platform

Memory
32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display
Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio

Multi-touch
None

Storage
Up to 2 drives (one M.2 SSD and one HDD)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
Some: M.2 SSD / PCIe NVMe

Optical
None

Ethernet
Gigabit Ethernet Connection, Realtek R8111GUS

WLAN + Bluetooth™
One of the following, configurable by model:
- Realtek® RTL8821CE, Wi-Fi 1x1 802.11ac + Bluetooth 4.1, M.2 card
- Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
- Intel Dual Band Wireless-AC 3165, 1x1, Wi-Fi + Bluetooth 4.1, M.2 Card

WWAN
None

SIM card
None

Dimensions
Aluminum (WxDxH): 12.96" x 9.53" x 0.78"; 329mm x 242mm x 19.9mm
PC/ABS (WxDxH): 12.96" x 9.53" x 0.83"; 329mm x 242mm x 21.9mm

Weight
Starting at 3.87 lb / 1.75kg

Case color
Black or silver

Case material
Display cover: Aluminum or PC/ABS plastic;
Bottom: PC/ABS plastic

Smart card reader
None

Media reader
MicroSD card reader

Ports
Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 2, one USB 2.0, HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, microSD card reader, security keyhole

Camera
HD720p camera, fixed focus

Audio support
HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio / stereo speakers, 1.5W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard
6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™
TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip *(opt)*
Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified

vPro
None

Fingerprint reader
Optional: Touch style fingerprint reader on the palm rest

NFC
None

Battery
Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life
MobileMark® 2014: 13.51 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter
45W or 65W USB Type-C AC adapter

Preload *(optional)*
Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty
1-year depot repair service

Mil-Spec test
MIL-STD-810G military certification

Environment
ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Memory	Display	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20KN0032US	US	i7-8550U	None	AMD RX 550 2GB	8GBx1	14" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	FW TPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN0033US	US	i7-8550U	None	AMD RX 550 2GB	8GBx1	14" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	None	FW TPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN0034US	US	i5-8250U	None	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN003SUS	US	i5-7200U	None	Intel HD 620	8GBx1	14" HD (1366x768)	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN003UUS	US	i5-8250U	None	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN003WUS	US	i7-8550U	None	AMD RX 550 2GB	4GBx2	14" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	FW TPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN003XUS	US	i5-8250U	None	Intel UHD 620	4GBx2	14" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN003YUS	US	i5-7200U	None	Intel HD 620	4GBx2	14" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN0040US	US	i5-8250U	None	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	128GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KN0041US	US	i7-8550U	None	AMD RX 550 2GB	8GBx1	14" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	None	FW TPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17

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ThinkPad E485 Platform Specifications

Processor — AMD Ryzen™ Mobile Processors with Radeon™ Vega Graphics

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	L2 Cache	Memory Controller	Processor Graphics
Ryzen 3 2200U	2	4	2.5 GHz	3.4 GHz	1MB	DDR4-2400	Radeon Vega 3 Graphics
Ryzen 5 2500U	4	8	2.0 GHz	3.6 GHz	2MB		Radeon Vega 8 Graphics
Ryzen 7 2700U			2.2 GHz	3.8 GHz	2MB		Radeon RX Vega 10 Graphics

Graphics — AMD Radeon Vega 3, Vega 8, or RX Vega 10 Graphics in processor only;
supports external digital monitor via HDMI or USB Type-C;
supports dual independent display;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset — AMD SoC (System on Chip) platform

Memory — 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display
Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio

Multi-touch — None

Storage
Up to 2 drives (one M.2 SSD and one HDD)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
Some: M.2 SSD / PCIe NVMe

Optical — None

Ethernet — Gigabit Ethernet Connection, Realtek RTL8111GUS

WLAN + Bluetooth™
One of the following, configurable by model:
- Qualcomm QCNFA435, Wi-Fi 1x1 802.11ac + Bluetooth 4.1, M.2 card
- Realtek® RTL8821CE, Wi-Fi 1x1 802.11ac + Bluetooth 4.1, M.2 card
- Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card

WWAN — None

SIM card — None

Dimensions
Aluminum (WxDxH): 12.96" x 9.53" x 0.78"; 329mm x 242mm x 19.9mm
PC/ABS (WxDxH): 12.96" x 9.53" x 0.86"; 329mm x 242mm x 21.9mm

Weight — Starting at 3.87 lb / 1.75kg

Case color — Black

Case material
Display cover: Aluminum or PC/ABS plastic;
Bottom: PC/ABS plastic

Smart card reader — None

Media reader — MicroSD card reader

Ports — Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 2, one USB 2.0, HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, microSD card reader, security keyhole

Camera — HD720p camera, fixed focus

Audio support — HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio / stereo speakers, 1.5W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys

UltraNav™ — TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 2.0, TCG Certified

Fingerprint reader — None

NFC — None

Battery — Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life — *MobileMark® 2014:* 9.37 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter — 45W or 65W USB Type-C AC adapter

Preload *(optional)* — Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty — 1-year depot repair service

Mil-Spec test — None

Environment — ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	Graphics	Memory	Display	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20KU0018US	US	AMD Ryzen 3 2200U	AMD Vega 3 Graphics	4GBx1	14" HD (1366x768)	500GB 7200rpm	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20KU0019US	US	AMD Ryzen 3 2200U	AMD Vega 3 Graphics	8GBx1	14" HD (1366x768)	500GB 7200rpm	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20KU001AUS	US	AMD Ryzen 5 2500U	AMD Vega 8 Graphics	8GBx1	14" HD (1366x768)	500GB 7200rpm	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	06/18
20KU001BUS	US	AMD Ryzen 7 2700U	AMD RX Vega 10 Graphics	8GBx1	14" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20KU001KUS	US	AMD Ryzen 5 2500U	AMD Vega 8 Graphics	8GBx1	14" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	06/18

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ThinkPad E575 Platform Specifications

Processor — AMD A-Series Processors

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
A6-9500B	2	4	2.3 GHz	3.2 GHz	2MB	DDR4-1866	R5 Graphics
A10-9600P	4	8	2.4 GHz	3.3 GHz	2MB		R5 Graphics
A12-9700P	4	8	2.5 GHz	3.4 GHz	2MB		R7 Graphics

Graphics — AMD Radeon™ R5 Graphics in processor only, or
AMD Radeon R5 Graphics in processor and
AMD Radeon R5 M430 Graphics, 2GB DDR3 memory;
external digital monitor support via HDMI™;
supports dual independent display;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset — AMD SoC (System on Chip) platform

Memory — 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
*System automatically clocks down with 1866MHz DDR4 memory controller

Display
Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio

Multi-touch — None

Storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable

Optical *(optional)* — DVD burner, 9.0mm high, removable

Ethernet — Gigabit Ethernet Connection, Realtek RTL8111GUS

WLAN + Bluetooth™ — *One of the following, configurable by model:*
- QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN — None

SIM card — None

Dimensions — *WxDxH:* 14.92" x 10.28" x 1.00"; 379mm x 261mm x 25.4mm

Weight — Starting at 5.07 lb / 2.3 kg

Case color — Black

Case material — PC/ABS plastic

Smart card reader — None

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports — Two USB 3.0, one USB 2.0 (Always On), VGA, HDMI, Ethernet (RJ-45), combo audio / microphone jack

Camera *(optional)* — HD720p camera, fixed focus

Audio support — HD Audio, Conexant® CX11852 codec,
Dolby® Audio™ Premium, stereo speakers, 2W x 2,
dual array microphone, combo audio / microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys

UltraNav™ — TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip
FW TPM2.0: Firmware TPM 2.0, integrated in chipset
dTPM2.0: Discrete TPM 2.0, TCG Certified

Fingerprint reader — None

NFC — None

Battery — Li-Ion 4-cell (41Wh)

Max battery life — *MobileMark® 2014:* 6.5 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter — 45W or 65W slim tip AC adapter

Preload *(optional)* — Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty — 1-year depot repair service

Mil-Spec test — None

Environment — EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20H8000CUS	US	AMD A10-9600P	AMD R5 M430 2GB	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	41Wh	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000DUS	US	AMD A10-9600P	AMD R5 M430 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	41Wh	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000EUS	US	AMD A10-9600P	AMD R5 M430 2GB	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	41Wh	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000FUS	US	AMD A6-9500B	AMD R5 Graphics	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	dTPM 2.0	41Wh	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000GUS	US	AMD A10-9600P	AMD R5 M430 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	41Wh	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000HUS	US	AMD A6-9500B	AMD R5 Graphics	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	dTPM 2.0	41Wh	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000QUS	US	AMD A10-9600P	AMD R5 M430 2GB	8GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black	720p	Non-backlit	None	FW TPM 2.0	41Wh	65W	Windows 10 Pro 64	1-year, Depot	01/17

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ThinkPad E580 Platform Specifications

Processor

7th Generation Intel® Core™ i3 / i5 Processor
(i3-7130U is NOT available in US and EMEA) or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i3-7130U			2.7 GHz	-	3MB		
i5-7200U			2.5 GHz	3.1 GHz	3MB		

8th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics

Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and
AMD Radeon RX 550 Graphics, 2GB DDR5 memory;
supports external digital monitor via HDMI or USB Type-C;
supports dual independent display;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio

Multi-touch

None

Storage

Up to 2 drives (one M.2 SSD and one HDD)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
Some: M.2 SSD / PCIe NVMe

Optical

None

Ethernet

Gigabit Ethernet Connection, Realtek R8111GUS

WLAN + Bluetooth™

One of the following, configurable by model:
- Realtek® RTL8821CE, Wi-Fi 1x1 802.11ac + Bluetooth 4.1, M.2 card
- Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
- Intel Dual Band Wireless-AC 3165, 1x1, Wi-Fi + Bluetooth 4.1, M.2 Card

WWAN

None

SIM card

None

Dimensions

WxDxH: 14.53" x 9.92" x 0.78"; 369mm x 252mm x 19.95mm

Weight

Starting at 4.7 lb / 2.1kg

Case color

Black or silver

Case material

Display cover: Aluminum;
Bottom: PC/ABS plastic

Smart card reader

None

Media reader

MicroSD card reader

Ports

Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 2, one USB 2.0, HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, microSD card reader, security keyhole

Camera

HD720p camera, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip *(opt)*

Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified

vPro

None

Fingerprint reader

Optional: Touch style fingerprint reader on the palm rest

NFC

None

Battery

Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life

MobileMark® 2014: 12.23 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter

45W or 65W USB Type-C AC adapter

Preload *(optional)*

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

1-year depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Memory	Display	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20KS003LUS	US	i7-8550U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	01/18
20KS003MUS	US	i7-8550U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	01/18
20KS003NUS	US	i7-8550U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	01/18
20KS003QUS	US	i5-7200U	None	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003RUS	US	i5-7200U	None	Intel HD 620	8GBx1	15.6" HD (1366x768)	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003SUS	US	i5-8250U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003TUS	US	i5-8250U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	128GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003UUS	US	i5-8250U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003VUS	US	i5-7200U	None	Intel HD 620	8GBx1	15.6" HD (1366x768)	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003WUS	US	i5-7200U	None	Intel HD 620	4GBx1	15.6" HD (1366x768)	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS0040US	US	i5-8250U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17

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ThinkPad E585 Platform Specifications

Processor — AMD Ryzen™ Mobile Processors with Radeon™ Vega Graphics

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	L2 Cache	Memory Controller	Processor Graphics
Ryzen 3 2200U	2	4	2.5 GHz	3.4 GHz	1MB	DDR4-2400	Radeon Vega 3 Graphics
Ryzen 5 2500U	4	8	2.0 GHz	3.6 GHz	2MB		Radeon Vega 8 Graphics
Ryzen 7 2700U			2.2 GHz	3.8 GHz	2MB		Radeon RX Vega 10 Graphics

Graphics — AMD Radeon Vega 3, Vega 8, or RX Vega 10 Graphics in processor only; supports external digital monitor via HDMI or USB Type-C; supports dual independent display; Max resolution: 1920x1080 (HDMI)@60Hz

Chipset — AMD SoC (System on Chip) platform

Memory — 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display
- *Some:* 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio (NOT available in EMEA)
- *Some:* 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio

Multi-touch — None

Storage — *Up to 2 drives (one M.2 SSD and one HDD)*
- *Some:* HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
- *Some:* M.2 SSD / PCIe NVMe

Optical — None

Ethernet — Gigabit Ethernet Connection, Realtek RTL8111GUS

WLAN + Bluetooth™ — *One of the following, configurable by model:*
- Qualcomm QCNFA435, Wi-Fi 1x1 802.11ac + Bluetooth 4.1, M.2 card
- Realtek® RTL8821CE, Wi-Fi 1x1 802.11ac + Bluetooth 4.1, M.2 card
- Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card

WWAN — None

SIM card — None

Dimensions — *WxDxH:* 14.53" x 9.92" x 0.79"; 369mm x 252mm x 19.95mm

Weight — Starting at 4.7 lb / 2.1kg

Case color — Black

Case material — *Display cover:* Aluminum; *Bottom:* PC/ABS plastic

Smart card reader — None

Media reader — MicroSD card reader

Ports — Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 2, one USB 2.0, HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, microSD card reader, security keyhole

Camera — HD720p camera, fixed focus

Audio support — HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio / stereo speakers, 1.5W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys

UltraNav™ — TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 2.0, TCG Certified

Fingerprint reader — None

NFC — None

Battery — Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life — *MobileMark® 2014:* 8.63 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter — 45W or 65W USB Type-C AC adapter

Preload *(optional)* — Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty — 1-year depot repair service

Mil-Spec test — None

Environment — ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	Graphics	Memory	Display	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20KV000WUS	US	AMD Ryzen 5 2500U	AMD Vega 8 Graphics	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	06/18
20KV000XUS	US	AMD Ryzen 3 2200U	AMD Vega 3 Graphics	4GBx1	15.6" HD (1366x768)	500GB 7200rpm	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20KV000YUS	US	AMD Ryzen 7 2700U	AMD RX Vega 10 Graphics	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20KV0010US	US	AMD Ryzen 3 2200U	AMD Vega 3 Graphics	8GBx1	15.6" HD (1366x768)	500GB 7200rpm	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	07/18
20KV0011US	US	AMD Ryzen 5 2500U	AMD Vega 8 Graphics	8GBx1	15.6" FHD (1920x1080) IPS	500GB 7200rpm	None	RTL8822BE ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	06/18

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ThinkPad L380 Platform Specifications

Processor

Intel® Celeron® Processor, 7th Generation Intel Core™ i3 / i5 Processor or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3965U	2	2	2.2 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7130U		4	2.7 GHz	-	3MB		Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		

8th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB		
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics

Intel HD Graphics 610, 620 or Intel UHD Graphics 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 13.3" (338mm) HD (1366x768), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

One of the following, configurable by model:
- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical

None

Ethernet

Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))
via optional ThinkPad Ethernet Extension Cable

WLAN + Bluetooth™

Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN

None

Dimensions

WxDxH: 12.67" x 8.83" x 0.74"; 321.8mm x 224.2mm x 18.8mm

Weight

Starting at 3.22 lb / 1.46 kg

Case color

Black or Silver

Case material

Display cover: Aluminum
Bottom: GFRP

Smart card reader

None

Media reader

MicroSD card reader

Ports

Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet extension connector, headphone / microphone combo jack, microSD card reader, security keyhole

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera

HD720p camera, fixed focus

Audio support

HD Audio, Realtek ALC3287 codec, Dolby® Audio™ / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style fingerprint reader on the keyboard bezel, anti-spoofing technology

NFC *(optional)*

Near Field Communication

Battery

Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life

MobileMark® 2014: 16.1 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter

45W or 65W USB Type-C AC adapter

Preload

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Monitor Cable	Adapter	Color	Camera	Keyboard	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20M5000FUS	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Silver	720p	Backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M5000GUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M5000HUS	US	i5-8250U	No	Intel UHD 620	4GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	02/18
20M5000KUS	US	i5-8250U	No	Intel UHD 620	4GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Silver	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	02/18
20M5000LUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M5000NUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Silver	720p	Backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M5000QUS	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M5000RUS	US	Celeron 3965U	No	Intel HD 610	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	02/18
20M5000SUS	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M5003UUS	US	i3-8130U	No	Intel UHD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	04/18
20M5003VUS	US	i3-8130U	No	Intel UHD 620	4GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	04/18
20M5003WUS	US	i3-8130U	No	Intel UHD 620	4GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Silver	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	04/18
20M5003YUS	US	i3-8130U	No	Intel UHD 620	8GBx1	13.3" HD (1366x768)	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Silver	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	05/18
20M50040US	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" HD (1366x768)	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	05/18
20M50041US	US	i3-8130U	No	Intel UHD 620	8GBx1	13.3" HD (1366x768)	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	05/18

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ThinkPad L470 Platform Specifications

Processor

6th Generation Intel® Core™ i3 / i5 / i7 Processor
(i7 processor is NOT available in EMEA) or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520
i3-6100U			2.3 GHz	-	3MB		
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		

Intel Celeron® Processor or 7th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3965U	2	2	2.2 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7100U		4	2.4 GHz	-	3MB		Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 610 or 620 in processor only, or
Intel HD Graphics 620 in processor and AMD Radeon™ R5 M430, 2GB memory; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays;
Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch

None

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model:
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 13.35" x 9.25" x 0.94"; 339mm x 235mm x 23.9mm

Weight

Models	*3-cell*	*6-cell*
Integrated model	4.13 lb / 1.87 kg	4.45 lb / 2.02 kg
Discrete model	4.16 lb / 1.89 kg	4.48 lb / 2.03 kg

Case color

Black

Case material

PC/ABS plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.1 Gen 1 (USB 3.0, one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector

Camera *(optional)*

HD720p resolution, fixed focus

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Swipe style fingerprint reader on the keyboard bezel

NFC

None

Battery

Li-Ion 3-cell *(24Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life[10] (*MobileMark® 2014*)

Models	*3-cell*	*6-cell 48Wh*	*6-cell 72Wh*
Integrated model	7.24 hr	14.48 hr	21.72 hr
Discrete model	4.34 hr	8.68 hr	13.02 hr

AC adapter

45W or 65W slim tip AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20J4000RUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20J4000SUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20J4000TUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20J4000UUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20J40012US	US	i3-7100U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20J40013US	US	i5-7200U	No	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20J40014US	US	i5-7300U	vPro	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20J40015US	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20J40016US	US	i5-7200U	No	Intel HD 620	8GB	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20J4003EUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J4003FUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J4003GUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20JU0008US	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU0009US	US	i5-6200U	No	Intel HD 520	8GB	14" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000AUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000BUS	US	i5-6200U	No	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000CUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000DUS	US	i5-6200U	No	Intel HD 520	8GB	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000EUS	US	i5-6200U	No	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000FUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000QUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000RUS	US	i5-6200U	No	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JU000WUS	US	i5-6300U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	05/17
20JU0018US	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	05/17
20JU0019US	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	05/17

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ThinkPad L480 Platform Specifications

Processor

7th Generation Intel® Core™ i3 / i5 Processor
(i3-7130U is NOT available in US and EMEA) or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7130U	2	4	2.7 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		

8th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB		
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics

Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and
AMD Radeon 530, 2GB GDDR5 memory
(discrete models are NOT available in EMEA);
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN + Bluetooth™ *(optional)*

One of the following, configurable by model:
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card (US only)
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card

** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
- Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

* For non-WWAN model, it means the model is NOT WWAN upgradable

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions *WxDxH:* 13.19" x 9.25" x 0.89"; 335mm x 235mm x 22.5mm

Weight Starting at 3.71 lb / 1.68 kg

Case color Black

Case material PC/ABS plastic

Smart card reader *Optional:* Smart card reader

Media reader MicroSD card reader

Ports Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole

Monitor cable *(optional)* *HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter

Camera *(optional)* *One of the following, configurable by model:*
- HD720p camera, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support HD Audio, Realtek ALC3287 codec, Dolby® Audio™ / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security Power-on password, hard disk password, supervisor password, security keyhole

Security chip Discrete TPM 2.0, TCG Certified

vPro *(optional)* Intel vPro Technology

Fingerprint reader *Optional:* Touch style match on chip fingerprint reader on the keyboard bezel, anti-spoofing technology

NFC *(optional)* Near Field Communication

Battery Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life *MobileMark® 2014:* 12.2 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter 45W or 65W USB Type-C AC adapter

Preload Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test MIL-STD-810G military certification

Environment EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Keyboard	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20LS0000US	US	i5-8250U	No	Intel UHD 620	8GBx1	14" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LS0001US	US	i5-7300U	vPro	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20LS0002US	US	i5-8250U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LS0003US	US	i5-8350U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LS0004US	US	i5-8250U	No	Intel UHD 620	4GBx1	14" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LS0005US	US	i5-8250U	No	Intel UHD 620	8GBx1	14" HD (1366x768)	None	128GB SSD	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LS0006US	US	i3-7130U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	05/18
20LS0007US	US	i5-8350U	vPro	Intel UHD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20LS0008US	US	i5-7300U	vPro	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LS0009US	US	i5-8250U	No	Intel UHD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20LS000UUS	US	i5-8250U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LS0020US	US	i5-8250U	No	Intel UHD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LS0021US	US	i5-8350U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LS002GUS	US	i5-8250U	No	Intel UHD 620	8GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	05/18

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ThinkPad L570 Platform Specifications

Processor

6th Generation Intel® Core™ i3 / i5 / i7 Processor
(i7 processor is NOT available in EMEA) or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520
i3-6100U			2.3 GHz	-	3MB		
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Intel Celeron® Processor or 7th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3965U	2	2	2.2 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7100U		4	2.4 GHz	-	3MB		Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics
Intel HD Graphics 520, 610, or 620 in processor only;
supports external analog monitor via VGA and digital monitor via Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)

Chipset
Intel SoC (System on Chip) platform

Memory
32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display
Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 350:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle

Multi-touch
None

Storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN

Optical *(optional)*
DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in

Ethernet
Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN
One of the following, configurable by model:
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only)
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*
One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*
Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions
WxDxH: 14.84" x 10.04" x 1.08-1.21"; 377mm x 255mm x 27.6-30.85mm

Weight
Starting at 5.25 lb / 2.38 kg

Case color
Black

Case material
PC/ABS plastic

ExpressCard *(opt)*
One slot (ExpressCard/34)

Smart card reader
Optional: Smart card reader

Media reader
4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports
Four USB 3.1 Gen 1 (USB 3.0, one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector

Monitor cable
Optional: Lenovo Mini-DisplayPort to DisplayPort Monitor Cable (MiniDP to DP)

Camera *(optional)*
HD720p resolution, fixed focus

Audio support
HD Audio, Realtek® ALC3245 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack

Keyboard
6-row, spill-resistant, multimedia Fn keys, numeric keypad

UltraNav™
TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Discrete TPM 2.0, TCG Certified

vPro *(optional)*
Intel vPro Technology

Fingerprint reader
Optional: Swipe style fingerprint reader on the palm rest

NFC
None

Battery
Li-Ion 6-cell *(48Wh)*

Max battery life
MobileMark® 2014: 14.8 hr

AC adapter
45W slim tip AC adapter

Preload
Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test
MIL-STD-810G military certification

Environment
EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	ExpressCard	Monitor Cable	Camera	Key-board	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20J8000WUS	US	i3-7100U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J8000XUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J8000YUS	US	i5-7300U	vPro	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J80010US	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J80011US	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J80012US	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J80013US	US	i5-7200U	No	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J80014US	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J80015US	US	i3-7100U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J80016US	US	i3-7100U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J80017US	US	i5-7300U	vPro	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20J8002EUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	ExpressCard / 34	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J8002FUS	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	ExpressCard / 34	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J8002GUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J8002LUS	US	i7-7500U	No	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20J8002MUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	Finger-print Reader	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	06/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	ExpressCard	Monitor Cable	Camera	Key-board	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20JQ000UUS	US	i3-6006U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	06/17
20JQ000VUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	06/17
20JQ000WUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/17
20JQ000XUS	US	i3-6006U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	06/17
20JQ000YUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/17
20JQ0010US	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/17
20JQ0011US	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	ExpressCard / 34	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	06/17

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ThinkPad L580 Platform Specifications

Processor

Intel® Celeron® Processor, 7th Generation Intel Core™ i3 / i5 Processor
(i3-7130U is NOT available in US and EMEA) or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3965U	2	2	2.2 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7130U		4	2.7 GHz	-	3MB		Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		

8th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8130U	4	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8250U		8	1.6 GHz	3.4 GHz	6MB		
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics

Intel HD Graphics 610, 620 or Intel UHD Graphics 620 in processor only or
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and
AMD Radeon 530, 2GB GDDR5 memory
(discrete models are NOT available in EMEA);
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle

Multi-touch

None

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN + Bluetooth™ *(optional)*

One of the following, configurable by model:
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card (US only)
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card

** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
- Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

* For non-WWAN model, it means the model is NOT WWAN upgradable

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions *WxDxH:* 14.82" x 10.02" x 0.90"; 376.5mm x 254.5mm x 22.95mm

Weight Starting at 4.46 lb / 2.0 kg

Case color Black

Case material PC/ABS plastic

ExpressCard None

Smart card reader *Optional:* Smart card reader

Media reader MicroSD card reader

Ports Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole

Monitor cable *(optional)* *HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter

Camera *(optional)* HD720p camera, fixed focus

Audio support HD Audio, Realtek ALC3287 codec, Dolby® Audio™ / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security Power-on password, hard disk password, supervisor password, security keyhole

Security chip Discrete TPM 2.0, TCG Certified

vPro *(optional)* Intel vPro Technology

Fingerprint reader *Optional:* Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology

NFC *(optional)* Near Field Communication

Battery Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life *MobileMark® 2014:* 12 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter 45W or 65W USB Type-C AC adapter

Preload Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test MIL-STD-810G military certification

Environment EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20LW0000US	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LW0001US	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LW0002US	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LW0003US	US	i5-7300U	vPro	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20LW0004US	US	i5-8250U	No	Intel UHD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20LW0005US	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" HD (1366x768)	None	128GB SSD	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LW0006US	US	i5-8350U	vPro	Intel UHD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20LW0007US	US	i5-8350U	vPro	Intel UHD 620	8GBx1	15.6" HD (1366x768)	None	128GB SSD	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LW0008US	US	i5-8350U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LW0009US	US	i3-7130U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	05/18
20LW002HUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LW002JUS	US	i5-8250U	No	Intel UHD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LW003DUS	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	05/18

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ThinkPad P51 Platform Specifications

Processor

6th or 7th Generation Intel® Core™ i7 Processor or
Intel Xeon® Processor E3 v5 or v6 Family

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i7-6820HQ	4	8	2.7 GHz	3.6 GHz	8MB	DDR4-2133	Intel HD Graphics 530
E3-1505M v5			2.8 GHz	3.7 GHz			Intel HD Graphics P530
i7-7700HQ			2.8 GHz	3.8 GHz	6MB	DDR4-2400	Intel HD Graphics 630
i7-7820HQ			2.9 GHz	3.9 GHz	8MB		
E3-1505M v6			3.0 GHz	4.0 GHz			Intel HD Graphics P630
E3-1535M v6			3.1 GHz	4.2 GHz			

Graphics

Intel HD Graphics 530, 630, P530, or P630 in processor and
NVIDIA Quadro® M1200 or M2200, 4GB memory;
supports external digital monitor via HDMI, Mini DisplayPort, or Thunderbolt™;
supports four independent displays;
Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable);
3840x2160@60Hz (Thunderbolt); 4096x2160@24Hz (HDMI)

Chipset

Mobile Intel CM238 Chipset

Memory

64GB max / 2400MHz DDR4, ECC or non-ECC (ECC function supported only on Xeon processor), dual-channel capable, four DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle
Some: 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 100% gamut, 170° viewing angle

Multi-touch *(opt)*

Capacitive-type multi-touch, supports 10-finger gesture, 220 nits (FHD only)

Pen *(optional)*

ThinkPad Pen Pro, active pen for multi-touch display

Storage

Up to 3 drives (two M.2 SSD and one HDD)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model:
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 14.86" x 9.93" x 0.96-1.16"; 377.4mm x 252.3mm x 24.5-29.4mm
WxDxH(Touch): 14.86" x 9.93" x 1.02-1.21"; 377.4mm x 252.3mm x 25.8-30.7mm

Weight

Models	*4-cell*	*6-cell*
Non-touch	5.6 lb / 2.55kg	5.9 lb / 2.67kg
Multi-touch	6.2 lb / 2.82kg	6.4 lb / 2.90kg

Case color

Black

Case material

Display cover: Glass-Fiber Reinforced Plastic;
Bottom: Magnesium/Aluminum

Smart card reader

Optional: Smart card reader

ExpressCard

One slot (ExpressCard/34)

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card

Ports

Four USB 3.1 Gen 1 (USB 3.0, one Always On), USB Type-C / Thunderbolt 3, Mini DisplayPort 1.2a, HDMI 1.4b, Ethernet (RJ-45), Dock connector

Camera *(optional)*

HD720p resolution, fixed focus

Audio support

HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

3-button TrackPoint® pointing device and
3-button Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Touch style match on chip fingerprint reader on the palm rest

Color calibration

Optional: Pantone® color calibrator by X-Rite® color calibration sensor in palm rest

NFC

None

Battery

Lithium Polymer 4-cell *(66Wh)* or 6-cell *(90Wh)*

Max battery life[10] (*MobileMark® 2014*)

Model	*4-cell*	*6-cell*
Discrete Graphics	4.5 hr	6.1 hr
Hybrid Graphics	6.5 hr	8.9 hr

AC adapter

170W slim tip AC adapter

Preload

One of the following, configurable by model:
- Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Windows® 10 Home 64
- Windows 10 Pro 64
- Windows 10 Pro 64 for Workstations

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20HH0004US	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0005US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0006US	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0007US	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0008US	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0009US	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000AUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000BUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000CUS	US	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000DUS	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000EUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000FUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000GUS	US	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000HUS	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000JUS	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000KUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000LUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000MUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000NUS	US	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000PUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000QUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000RUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000SUS	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17

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Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20HH000TUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000UUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000VUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000WUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000XUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH000YUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0010US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0011US	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0012US	US	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0013US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH002LUS	US	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HH002MUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HH002NUS	US	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HH002PUS	US	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HH002QUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HH003AUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	11/17
20HH003BUS	US	i7-7820HQ	vPro	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	11/17
20HH003CUS	US	i7-7820HQ	vPro	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	11/17
20HH003DUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	11/17
20HH003EUS	US	i7-7820HQ	vPro	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	11/17
20HH003FUS	US	i7-7700HQ	No	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	11/17
20HH003VUS	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH003WUS	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18

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Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20HH003XUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH003YUS	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH0040US	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH0041US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH0042US	US	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH0043US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH0044US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HH0045US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HH0046US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH0047US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH0048US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HH0049US	US	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18

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Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20MM0000US	US	i7-6820HQ	vPro	M2200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/18
20MM0001US	US	Xeon E3-1505M v5	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 for WS DG Win7 Pro 64	3-year, Depot	06/18
20MM0002US	US	Xeon E3-1505M v5	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 for WS DG Win7 Pro 64	3-year, Depot	06/18
20MM0003US	US	i7-6820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/18
20MM0004US	US	i7-6820HQ	vPro	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/18
20MM0005US	US	i7-6820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/18
20MM0006US	US	Xeon E3-1505M v5	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 for WS DG Win7 Pro 64	3-year, Depot	06/18
20MM0007US	US	i7-6820HQ	vPro	M2200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/18

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ThinkPad P51s Platform Specifications

Processor

6th Generation Intel® Core™ i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i7-6500U	2	4	2.5 GHz	3.1 GHz	4MB	DDR4-2133	Intel HD Graphics 520
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7300U	2	4	2.6 GHz	3.5 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 520 or 620 in processor and
NVIDIA Quadro® M520, 2GB 2.5GHz GDDR5 memory;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 3840x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN and WiGig

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model (WiGig can coexist with WWAN):
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model (WWAN can coexist with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm

Weight

Models	*4 + 3-cell*	*6-cell*	*4 + 6-cell*
Non-touch model	4.39 lb / 1.99 kg	4.80 lb / 2.18 kg	4.80 lb / 2.18 kg
Multi-touch model	4.44 lb / 2.01 kg	4.85 lb / 2.20 kg	4.85 lb / 2.20 kg

Case color

Black

Case material

Display cover: Glass-Fiber Reinforced Plastic (PPS);
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I

Ports

Three USB 3.1 Gen 1 (USB 3.0, one Always On),
USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45),
Dock connector

WiGig dock *(opt)*

ThinkPad WiGig dock

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter

Camera *(optional)*

720p: HD720p resolution, fixed focus
IR & 720p: IR camera and HD720p camera (mutually exclusive with WiGig)

Audio support

HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)*

Near Field Communication

Internal battery

Optional: Integrated Li-Polymer 4-cell *(32Wh)*

External battery

Li-Polymer 3-cell *(24Wh)* or Li-Ion 6-cell *(48Wh or 72Wh)*

Max battery life (*MobileMark® 2014*)

Models	*4 + 3-cell*	*6-cell 48Wh*	*6-cell 72Wh*	*4 + 6-cell 48Wh*	*4 + 6-cell 72Wh*
Max battery life	13.8 hr	12.5 hr	18.5 hr	20.0 hr	26.8 hr

AC adapter

65W slim tip AC adapter or 65W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20HB0004US	US	i7-7500U	No	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	1TB 5400rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HB000AUS	US	i7-7500U	No	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HB000WUS	US	i7-7600U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB000XUS	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB000YUS	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" 4K (3840x2160) IPS	None	1TB 5400rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0010US	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0011US	US	i7-7600U	vPro	M520 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0012US	US	i7-7600U	vPro	M520 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0013US	US	i7-7600U	vPro	M520 2GB	8GBx1	15.6" 4K (3840x2160) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0014US	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0015US	US	i7-7500U	No	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HB0016US	US	i7-7600U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0017US	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 6-cell(72Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0018US	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB0019US	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	1TB 5400rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001AUS	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001BUS	US	i7-7600U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	1TB 5400rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001CUS	US	i7-7600U	vPro	M520 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001DUS	US	i5-7300U	vPro	M520 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001EUS	US	i7-7600U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20HB001FUS	US	i5-7300U	vPro	M520 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001GUS	US	i7-7600U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001HUS	US	i5-7300U	vPro	M520 2GB	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001JUS	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" 4K (3840x2160) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HB001KUS	US	i7-7500U	No	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HB001NUS	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HB001PUS	US	i7-7500U	No	M520 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HB001QUS	US	i7-7500U	No	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HB001RUS	US	i5-7300U	vPro	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HB001SUS	US	i7-7500U	No	M520 2GB	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HB001TUS	US	i7-7500U	No	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HB001UUS	US	i7-7500U	No	M520 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HB001VUS	US	i7-7500U	No	M520 2GB	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HB001XUS	US	i7-7500U	No	M520 2GB	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 Pro 64	3-year, Depot	05/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20JY0004US	US	i7-6500U	No	M520 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JY0005US	US	i7-6500U	No	M520 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JY0006US	US	i7-6500U	No	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JY0007US	US	i7-6500U	No	M520 2GB	8GBx2	15.6" 4K (3840x2160) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JY0008US	US	i7-6500U	No	M520 2GB	8GBx2	15.6" 4K (3840x2160) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JY0009US	US	i7-6500U	No	M520 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JY000AUS	US	i7-6500U	No	M520 2GB	16GBx2	15.6" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JY000BUS	US	i7-6500U	No	M520 2GB	8GBx2	15.6" 4K (3840x2160) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JY000CUS	US	i7-6500U	No	M520 2GB	16GBx2	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17

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ThinkPad P52 Platform Specifications

Processor

8th Generation Intel® Core™ i7 Processor or Intel Xeon® E Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i7-8750H	6	12	2.2 GHz	4.1 GHz	9MB	DDR4-2400	Intel UHD Graphics 630
i7-8850H			2.6 GHz	4.3 GHz	9MB		
E-2176M			2.7 GHz	4.4 GHz	12MB		

Graphics

Intel UHD Graphics 630 in processor and
NVIDIA Quadro® P1000 (4GB memory), P2000 (4GB memory), or
P3200 (6GB memory, VR ready);
supports external digital monitor via HDMI, Mini DisplayPort, or Thunderbolt™;
supports four independent displays;
Max resolution: 3840X2160@60Hz (DisplayPort via Mini DisplayPort cable);
5120X2880@30Hz (Thunderbolt); 4096x2160@60Hz (HDMI)

Chipset

Mobile Intel CM246 Chipset

Memory

128GB non-ECC or 64GB ECC max / 2400MHz DDR4 (ECC function supported only on Xeon processor), dual-channel capable, four DDR4 SO-DIMM sockets
* *Installed DIMMs are actually 2666MHz but run at 2400MHz due to Intel limitation*
* *128GB non-ECC memory for special bid only*

Display

Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 160° viewing angle
Some: 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 400 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 100% gamut, 170° viewing angle, multi-touch

Multi-touch *(opt)*

Capacitive-type multi-touch, supports 10-finger gesture (4K only)

Pen

Supports pen accessory, please see the accessory compatibility for details

Storage

Up to 3 drives (two M.2 SSD and one HDD)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card

Bluetooth™

Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

Integrated Mobile Broadband 4G LTE-A,
Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions

WxDxH: 14.86" x 9.93" x 0.96-1.16"; 377.4mm x 252.3mm x 24.5-29.4mm
WxDxH(Touch): 14.86" x 9.93" x 1.02-1.21"; 377.4mm x 252.3mm x 25.8-30.7mm

Weight

Non-touch model: starting at 5.4 lb (2.45kg);
Multi-touch model: starting at 6.4 lb (2.9kg)

Case color

Black

Case material

Display cover: PPS;
Bottom: Magnesium/Aluminum

Smart card reader

Optional: Smart card reader

ExpressCard

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card

Ports

Three USB 3.1 Gen 1 (one Always On), two USB Type-C / Thunderbolt 3,
Mini DisplayPort 1.4, HDMI 2.0, Ethernet (RJ-45),
nano-SIM card slot (WWAN models), headphone / microphone combo jack,
optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC),
side docking connector, security keyhole

Camera *(optional)*

One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support

HD Audio, Realtek® ALC3286 codec,
stereo speakers, 2W x 2, Dolby® Audio™ Premium, headphone / microphone combo jack, Dolby Atmos® headphone, dual array microphone

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight

UltraNav™

3-button TrackPoint® pointing device and
3-button Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Touch style match on chip fingerprint reader on the palm rest

Color calibration

None

NFC *(optional)*

Near Field Communication

Battery

Li-Ion 90Wh battery

Max battery life (*MobileMark® 2014*)

Discrete mode: 6.1 hr
Hybrid mode: 8.9 hr

AC adapter

170W slim tip AC adapter

Preload

One of the following, configurable by model:
- Windows® 10 Home 64
- Windows 10 Pro 64
- Windows 10 Pro 64 for Workstations

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20M90009US	US	i7-8850H	vPro	P2000 4GB	Intel CM246	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000AUS	US	Xeon E-2176M	vPro	P2000 4GB	Intel CM246	16GBx1 ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	06/18
20M9000BUS	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	07/18
20M9000CUS	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000DUS	US	i7-8850H	vPro	P3200 6GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	07/18
20M9000EUS	US	i7-8850H	vPro	P3200 6GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000FUS	US	i7-8750H	No	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000GUS	US	i7-8850H	vPro	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000HUS	US	Xeon E-2176M	vPro	P2000 4GB	Intel CM246	16GBx1 ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	06/18
20M9000JUS	US	i7-8750H	No	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000KUS	US	i7-8750H	No	P1000 4GB	Intel CM246	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000LUS	US	i7-8850H	vPro	P3200 6GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000MUS	US	i7-8850H	vPro	P1000 4GB	Intel CM246	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000NUS	US	i7-8750H	No	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000PUS	US	Xeon E-2176M	vPro	P2000 4GB	Intel CM246	8GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	06/18
20M9000QUS	US	i7-8850H	vPro	P2000 4GB	Intel CM246	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000RUS	US	Xeon E-2176M	vPro	P2000 4GB	Intel CM246	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	06/18
20M9000SUS	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000TUS	US	i7-8850H	vPro	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000UUS	US	i7-8850H	vPro	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	07/18

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Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20M9000VUS	US	i7-8850H	vPro	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000WUS	US	i7-8850H	vPro	P1000 4GB	Intel CM246	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000XUS	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9000YUS	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90010US	US	Xeon E-2176M	vPro	P2000 4GB	Intel CM246	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	06/18
20M90011US	US	i7-8850H	vPro	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90012US	US	i7-8850H	vPro	P3200 6GB	Intel CM246	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90013US	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90014US	US	i7-8850H	vPro	P3200 6GB	Intel CM246	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90015US	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90016US	US	i7-8850H	vPro	P3200 6GB	Intel CM246	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M9001YUS	US	i7-8850H	vPro	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm + 512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90020US	US	i7-8850H	vPro	P3200 6GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm + 512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90021US	US	i7-8750H	No	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90022US	US	Xeon E-2176M	vPro	P2000 4GB	Intel CM246	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm + 512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	06/18
20M90023US	US	i7-8750H	No	P1000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90024US	US	i7-8850H	vPro	P3200 6GB	Intel CM246	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	1TB 7200rpm + 512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90025US	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	1TB 7200rpm + 512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18
20M90026US	US	Xeon E-2176M	vPro	P2000 4GB	Intel CM246	16GBx1 ECC	15.6" 4K (3840x2160) IPS	10-point Multi-touch	None	1TB 7200rpm + 512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	IR &720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	06/18
20M90027US	US	i7-8850H	vPro	P2000 4GB	Intel CM246	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 7200rpm + 512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 9560 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	06/18

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ThinkPad P52s Platform Specifications

Processor

8th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8350U	4	8	1.7 GHz	3.6 GHz	6MB	DDR4-2400	Intel UHD Graphics 620
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics

Intel UHD Graphics 620 in processor and
NVIDIA Quadro® P500, 2GB GDDR5 memory;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 15.6" (396mm) UHD (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x4, 32Gb/s
Some: 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN + Bluetooth™

Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
- Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions

WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm

Weight

starting at 4.39 lb / 1.99 kg

Case color

Black

Case material

Display cover: Glass-Fiber Reinforced Plastic (PPS);
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.1 Gen 1 (one Always On), USB 3.1 Type-C Gen 1, USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC), side docking connector, security keyhole

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*

One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support

HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest anti-spoofing technology

NFC *(optional)*

Near Field Communication

Battery

Optional integrated Li-Ion 32Wh battery and external Li-Ion 24Wh, 48Wh, or 72Wh battery

Max battery life (*MobileMark® 2014*)

Models	*48Wh*	*72Wh*	*32Wh + 24Wh*	*32Wh + 48Wh*	*32Wh + 72Wh*
Max battery life	12.2 hr	18.5 hr	13.5 hr	20.1 hr	26.3 hr

AC adapter

65W USB Type-C AC adapter

Preload

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20LB000XUS	US	i5-8350U	vPro	P500 2GB	8GBx1	15.6" UHD (3840x2160) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB000YUS	US	i5-8350U	vPro	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0010US	US	i5-8350U	vPro	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0011US	US	i5-8350U	vPro	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0012US	US	i7-8650U	vPro	P500 2GB	16GBx1	15.6" UHD (3840x2160) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0013US	US	i7-8650U	vPro	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0014US	US	i5-8350U	vPro	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0015US	US	i7-8650U	vPro	P500 2GB	8GBx1	15.6" UHD (3840x2160) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0016US	US	i7-8650U	vPro	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0017US	US	i7-8650U	vPro	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0018US	US	i7-8650U	vPro	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB0019US	US	i7-8650U	vPro	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB001AUS	US	i7-8650U	vPro	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB001BUS	US	i7-8650U	vPro	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB001CUS	US	i7-8650U	vPro	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB001DUS	US	i5-8350U	vPro	P500 2GB	16GBx1	15.6" UHD (3840x2160) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB001EUS	US	i5-8350U	vPro	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB001FUS	US	i7-8650U	vPro	P500 2GB	16GBx1	15.6" UHD (3840x2160) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LB001GUS	US	i5-8350U	vPro	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0020US	US	i7-8550U	No	P500 2GB	16GBx1	15.6" UHD (3840x2160) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20LB0021US	US	i7-8550U	No	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0022US	US	i7-8550U	No	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0023US	US	i7-8550U	No	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0024US	US	i7-8550U	No	P500 2GB	16GBx1	15.6" UHD (3840x2160) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0025US	US	i7-8550U	No	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0026US	US	i7-8550U	No	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0027US	US	i7-8550U	No	P500 2GB	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0028US	US	i7-8550U	No	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18
20LB0029US	US	i7-8650U	vPro	P500 2GB	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/18

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ThinkPad P71 Platform Specifications

Processor — 7th Generation Intel® Core™ i7 Processor or Intel Xeon® Processor E3 v6 Family

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i7-7700HQ	4	8	2.8 GHz	3.8 GHz	6MB	DDR4-2400	Intel HD Graphics 630
i7-7820HQ			2.9 GHz	3.9 GHz	8MB		
E3-1505M v6			3.0 GHz	4.0 GHz			Intel HD Graphics P630
E3-1535M v6			3.1 GHz	4.2 GHz			

Graphics — Intel HD Graphics 630 or P630 in processor and NVIDIA Quadro® M620 (2GB memory), M2200 (4GB memory), P3000 (6GB memory), P4000 (8GB memory), or P5000 (16GB memory); supports external digital monitor via HDMI, Mini DisplayPort, or Thunderbolt™; supports four independent displays; Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable); 3840x2160@60Hz (Thunderbolt); 4096x2160@24Hz (HDMI)

Chipset — Mobile Intel CM238 Chipset

Memory — 64GB max / 2400MHz DDR4, ECC or non-ECC (ECC function supported only on Xeon processor), dual-channel capable, four DDR4 SO-DIMM sockets

Display
- *Some:* 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 72% gamut, 170° viewing angle
- *Some:* 17.3" (439mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 90% gamut, 170° viewing angle

Multi-touch — None

Pen — None

Storage — *Up to 4 drives (two M.2 SSD and two HDD, one of which is in the optical bay)*
- HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

Optical *(optional)* — DVD burner, 9.5mm high, fixed, tray-in

Ethernet — *Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville); *vPro model:* Intel Ethernet Connection I219-LM (Jacksonville)

WLAN — Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)* — *One of the following, configurable by model:*
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card

SIM card *(opt)* — Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions — *WxDxH:* 16.38" x 10.85" x 1.18-1.35"; 416mm x 275.5mm x 29.9-34.2mm

Weight — Starting at 7.3 lb (3.3kg)

Case color — Black

Case material — *Display cover:* Glass-Fiber + PPS; *Bottom:* Magnesium/Aluminum

Smart card reader — *Optional:* Smart card reader

ExpressCard — One slot (ExpressCard/34)

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card

Ports — Four USB 3.1 Gen 1 (USB 3.0, one Always On), two USB Type-C / Thunderbolt 3, Mini DisplayPort 1.2a, HDMI 1.4b, Ethernet (RJ-45), Dock connector

Monitor cable — *Optional:* Lenovo Mini-DisplayPort to DisplayPort Monitor Cable

Camera *(optional)* — HD720p resolution, fixed focus

Audio support — HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™ — 3-button TrackPoint® pointing device and 3-button Mylar surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 2.0, TCG Certified

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — Touch style match on chip fingerprint reader on the keyboard bezel

Color calibration — *Optional:* Pantone® color calibrator by X-Rite® color calibration sensor in palm rest

NFC — None

Battery — Li-Ion 8-cell *(96Wh)*

Max battery life (*MobileMark® 2014*)

Mode	*Discrete Graphics*	*Hybrid Graphics*
Max battery life	9.8 hr	14.25 hr

AC adapter — 170W or 230W slim tip AC adapter

Preload — *One of the following, configurable by model:*
- Windows® 10 Home 64
- Windows 10 Pro 64
- Windows 10 Pro 64 for Workstations

Limited warranty — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Color Calibrator	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HK000VUS	US	Xeon E3-1535M v6	vPro	P3000 6GB	8GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK000WUS	US	Xeon E3-1505M v6	vPro	P4000 8GB	16GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK000XUS	US	Xeon E3-1535M v6	vPro	P5000 16GB	16GBx1 ECC	17.3" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK000YUS	US	Xeon E3-1535M v6	vPro	P4000 8GB	8GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0010US	US	Xeon E3-1535M v6	vPro	P5000 16GB	16GBx1 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0011US	US	i7-7700HQ	No	M620 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0012US	US	Xeon E3-1535M v6	vPro	P4000 8GB	16GBx1 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0013US	US	i7-7700HQ	No	M620 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0014US	US	Xeon E3-1505M v6	vPro	P3000 6GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0015US	US	Xeon E3-1505M v6	vPro	M620 2GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0016US	US	Xeon E3-1505M v6	vPro	M620 2GB	8GBx1 ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0017US	US	i7-7820HQ	vPro	M620 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0018US	US	i7-7700HQ	No	M620 2GB	8GBx2 non-ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK0019US	US	Xeon E3-1505M v6	vPro	P4000 8GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001AUS	US	Xeon E3-1535M v6	vPro	P3000 6GB	16GBx1 ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001BUS	US	Xeon E3-1505M v6	vPro	P3000 6GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001CUS	US	Xeon E3-1505M v6	vPro	P3000 6GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001DUS	US	Xeon E3-1535M v6	vPro	P3000 6GB	16GBx1 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001EUS	US	i7-7820HQ	vPro	M620 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001FUS	US	Xeon E3-1535M v6	vPro	P5000 16GB	16GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001GUS	US	i7-7700HQ	No	M620 2GB	8GBx2 non-ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001HUS	US	Xeon E3-1535M v6	vPro	P5000 16GB	8GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001JUS	US	i7-7700HQ	No	M620 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Color Calibrator	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HK001KUS	US	i7-7820HQ	vPro	M620 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001LUS	US	Xeon E3-1535M v6	vPro	P4000 8GB	16GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001MUS	US	i7-7820HQ	vPro	M620 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HK001PUS	US	Xeon E3-1505M v6	vPro	P3000 6GB	8GBx2 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HK001QUS	US	i7-7820HQ	vPro	P3000 6GB	8GBx2 non-ECC	17.3" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HK001RUS	US	i7-7820HQ	vPro	P3000 6GB	8GBx2 non-ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HK001SUS	US	i7-7820HQ	vPro	P3000 6GB	8GBx2 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HK001TUS	US	i7-7820HQ	vPro	P3000 6GB	8GBx2 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	05/17
20HK003CSS	US	Xeon E3-1535M v6	vPro	P5000 16GB	16GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003CUS	US	Xeon E3-1535M v6	vPro	P5000 16GB	16GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003DSS	US	Xeon E3-1535M v6	vPro	P5000 16GB	8GBx2 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003DUS	US	Xeon E3-1535M v6	vPro	P5000 16GB	8GBx2 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003ESS	US	Xeon E3-1535M v6	vPro	P3000 6GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003EUS	US	Xeon E3-1535M v6	vPro	P3000 6GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003FSS	US	Xeon E3-1535M v6	vPro	P4000 8GB	8GBx2 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003FUS	US	Xeon E3-1535M v6	vPro	P4000 8GB	8GBx2 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003GSS	US	Xeon E3-1505M v6	vPro	M2200 4GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003GUS	US	Xeon E3-1505M v6	vPro	M2200 4GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003HSS	US	Xeon E3-1535M v6	vPro	M2200 4GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003HUS	US	Xeon E3-1535M v6	vPro	M2200 4GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003JSS	US	Xeon E3-1505M v6	vPro	P3000 6GB	8GBx2 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003JUS	US	Xeon E3-1505M v6	vPro	P3000 6GB	8GBx2 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003KSS	US	Xeon E3-1505M v6	vPro	P3000 6GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Color Calibrator	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HK003KUS	US	Xeon E3-1505M v6	vPro	P3000 6GB	8GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003LSS	US	Xeon E3-1505M v6	vPro	P4000 8GB	16GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003LUS	US	Xeon E3-1505M v6	vPro	P4000 8GB	16GBx2 ECC	17.3" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	None	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18
20HK003MSS	US	Xeon E3-1535M v6	vPro	P4000 8GB	16GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64	3-year, Depot	01/18
20HK003MUS	US	Xeon E3-1535M v6	vPro	P4000 8GB	16GBx2 ECC	17.3" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	Blank Bezel	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	X-Rite	Finger-print Reader	None	dTPM 2.0	8-cell (96Wh)	230W Slim Tip	Win10 Pro 64 for WS	3-year, Depot	01/18

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ThinkPad T470 Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor *(i7-6500U is NOT available in EMEA)*

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 520 or 620 in processor only, or
Intel HD Graphics 620 in processor and NVIDIA GeForce® 940MX,
2GB 2.5GHz GDDR5 memory (discrete models are NOT available in EMEA);
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD IPS panel with PPS cover only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN and WiGig

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model (WiGig can coexist with WWAN):
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model (WWAN can coexist with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm

Weight

Models	*3-cell or 3 + 3-cell*	*6-cell or 3 + 6-cell*
Magnesium	3.49 lb / 1.58 kg	3.92 lb / 1.78 kg
PPS	3.63 lb / 1.65 kg	4.35 lb / 1.85 kg

Case color

Black

Case material

Display cover: Magnesium Hybrid or PPS;
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I

Ports

Three USB 3.1 Gen 1 (USB 3.0, one Always On),
USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45),
Dock connector

WiGig dock *(opt)*

ThinkPad WiGig dock

Monitor cable

Optional: Lenovo USB-C to VGA Adapter

Camera *(optional)*

720p: HD720p resolution, fixed focus
IR & 720p: IR camera and HD720p camera (mutually exclusive with WiGig)

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 /
dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the keyboard bezel

NFC *(optional)*

Near Field Communication

Internal battery

Optional: Integrated Li-Polymer 3-cell *(24Wh)*

External battery

Li-Polymer 3-cell *(24Wh)* or Li-Ion 6-cell *(48Wh or 72Wh)*

Max battery life (*MobileMark® 2014*)

Models	*3-cell*	*3 + 3-cell*	*6-cell 48Wh*	*6-cell 72Wh*	*3 + 6-cell 48Wh*	*3 + 6-cell 72Wh*
Integrated	6.9 hr	13.9 hr	13.9 hr	20.9 hr	20.9 hr	27.1 hr
Discrete	6.9 hr	13.9 hr	14.3 hr	21.6 hr	21.2 hr	28.6 hr

AC adapter

45W or 65W slim tip AC adapter, 45W or 65W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Case Material	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HD000QUS	US	i5-7200U	No	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20HD000RUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20HD000SUS	US	i5-7200U	No	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	128GB SSD	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20HD000TUS	US	i5-7200U	No	Intel HD 620	8GB	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20HD000UUS	US	i5-7200U	No	Intel HD 620	8GB	14" HD (1366x768)	None	128GB SSD	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20HD000VUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20HD000WUS	US	i5-7200U	No	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20HD000XUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20HD004AUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	03/17
20HD004BUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HD0056US	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Magnesium	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD0057US	US	i7-7600U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Magnesium	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD0058US	US	i7-7600U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD005AUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD005BUS	US	i7-7600U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD005CUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD005DUS	US	i7-7600U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD005EUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD005FUS	US	i7-7600U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HD005GUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Case Material	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HD0066US	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HD0067US	US	i5-7200U	No	Intel HD 620	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HD0068US	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HD0069US	US	i5-7200U	No	Intel HD 620	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HD006AUS	US	i5-7300U	vPro	Intel HD 620	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HD006BUS	US	i5-7300U	vPro	Intel HD 620	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HD006FUS	US	i7-7600U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HD006XUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	512GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	NFC	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	10/17
20HD006YUS	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	NFC	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	10/17
20HD0070US	US	i5-7300U	vPro	Intel HD 620	8GB	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	NFC	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	10/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Case Material	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20JM0009US	US	i5-6300U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JM000AUS	US	i7-6600U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JM000BUS	US	i7-6500U	No	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JM000CUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	03/17
20JM000EUS	US	i5-6300U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JM000FUS	US	i7-6600U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JM000GUS	US	i7-6600U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JM000HUS	US	i5-6300U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JM000JUS	US	i7-6600U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JM000KUS	US	i7-6600U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JM000LUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JM000MUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JM000QUS	US	i5-6300U	vPro	Intel HD 520	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20JM000RUS	US	i5-6300U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20JM000SUS	US	i5-6200U	No	Intel HD 520	8GB	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17
20JM0012US	US	i5-6300U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	10/17
20JM0013US	US	i5-6300U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	512GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	10/17
20JM0014US	US	i5-6300U	vPro	Intel HD 520	8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	10/17

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ThinkPad T470p Platform Specifications

Product Specifications Reference (PSREF)

Processor

7th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7300HQ	4	4	2.5 GHz	3.5 GHz	6MB	DDR4-2400	Intel HD Graphics 630
i5-7440HQ			2.8 GHz	3.8 GHz	6MB		
i7-7700HQ		8	2.8 GHz	3.8 GHz	6MB		
i7-7820HQ			2.9 GHz	3.9 GHz	8MB		

Graphics

Intel HD Graphics 630 in processor only, or
Intel HD Graphics 630 in processor and
NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory;
supports external digital monitor via HDMI or Mini DisplayPort;
supports three independent displays;
Max resolution: 4096x2304@60Hz (DisplayPort via Mini DisplayPort cable);
4096x2160@24Hz (HDMI)

Chipset

Mobile Intel QM175 Chipset

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display

Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model:
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH (FHD): 13.35" x 9.25" x 0.94"; 339mm x 235mm x 24mm
WxDxH (WQHD): 13.35" x 9.25" x 0.96"; 339mm x 235mm x 24.4mm

Weight

Models	*3-cell*	*6-cell*
Integrated model	3.83 lb / 1.74 kg	4.16 lb / 1.89 kg
Discrete model	4.01 lb / 1.82 kg	4.33 lb / 1.96 kg

Case color

Black

Case material

Display cover: PC/ABS plastic;
Bottom: Magnesium alloy

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.1 Gen 1 (USB 3.0, one Always On),
HDMI 1.4b, Mini DisplayPort 1.2a, Ethernet (RJ-45), Dock connector

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
MiniDP to DP: Lenovo Mini-DisplayPort to DisplayPort Monitor Cable

Camera

HD720p resolution, fixed focus

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Touch style match on chip fingerprint reader on the keyboard bezel

NFC

None

Battery

Li-Ion 3-cell *(24Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life

MobileMark® 2014: 12.85 hr

AC adapter

90W or 135W slim tip AC adapter

Preload

Some: Windows® 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft® Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor vPro	Graphics	Chipset	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20J6001BUS	US	i5-7440HQ vPro	940MX 2GB	Intel QM175	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20J6001CUS	US	i5-7440HQ vPro	940MX 2GB	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20J6001DUS	US	i5-7440HQ vPro	Intel HD 630	Intel QM175	4GBx2	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (24Wh)	90W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20J6001EUS	US	i5-7440HQ vPro	940MX 2GB	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20J6001FUS	US	i5-7440HQ vPro	Intel HD 630	Intel QM175	4GBx2	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	90W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20J6001GUS	US	i5-7440HQ vPro	Intel HD 630	Intel QM175	4GBx2	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	90W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20J6001HUS	US	i5-7440HQ vPro	Intel HD 630	Intel QM175	4GBx2	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (24Wh)	90W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20J6001JUS	US	i5-7440HQ vPro	940MX 2GB	Intel QM175	4GBx2	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20J6003JUS	US	i7-7820HQ vPro	940MX 2GB	Intel QM175	16GBx1	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J6003KUS	US	i7-7820HQ vPro	940MX 2GB	Intel QM175	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J6003LUS	US	i7-7820HQ vPro	940MX 2GB	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J6003MUS	US	i5-7440HQ vPro	Intel HD 630	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	90W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J6003NUS	US	i5-7440HQ vPro	Intel HD 630	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	90W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J6003PUS	US	i7-7820HQ vPro	940MX 2GB	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20J6003UUS	US	i7-7820HQ vPro	940MX 2GB	Intel QM175	8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20J6003VUS	US	i7-7820HQ vPro	940MX 2GB	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20J6003WUS	US	i5-7440HQ vPro	Intel HD 630	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	90W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20J6003XUS	US	i7-7820HQ vPro	940MX 2GB	Intel QM175	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	6-cell (48Wh)	135W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20J6003YUS	US	i5-7440HQ vPro	Intel HD 630	Intel QM175	8GB	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (24Wh)	90W Slim Tip	Win10 Pro 64	3-year, Depot	06/17

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ThinkPad T470s Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics
Intel HD Graphics 520 or 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset
Intel SoC (System on Chip) platform

Memory
20GB or 24GB max[7] / 2400MHz DDR4, dual-channel capable,
4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle

Multi-touch *(opt)*
On-cell touch, supports 10-finger gesture, 250 nits (FHD only)

Storage
One of the following, configurable by model:
- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical
None

Ethernet
Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN
One of the following, configurable by model (WiGig is mutually exclusive with WWAN):
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*
One of the following, configurable by model (mutually exclusive with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card

SIM card *(opt)*
- Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions *WxDxH:* 13.03" x 8.93" x 0.67-0.74"; 331mm x 226.8mm x 16.9-18.8mm

Weight Starting at 2.9 lb (1.32kg)

Case color Black or Silver

Case material *Display cover:* CFRP Hybrid;
Bottom: Magnesium

Smart card reader *Optional:* Smart card reader

Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports Three USB 3.1 Gen 1 (USB 3.0, one Always On),
USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45),
Dock connector

WiGig dock *(opt)* ThinkPad WiGig dock, mutually exclusive with WWAN

Monitor cable *(optional)* *HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter

Camera *(optional)* HD720p resolution, fixed focus
(models without camera are NOT available in EMEA)

Audio support HD Audio, Realtek® ALC3268 codec / stereo speakers, 1W x 2 /
dual array microphone, combo audio/microphone jack

Keyboard 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security Power-on password, hard disk password, supervisor password, security keyhole

Security chip Discrete TPM 2.0, TCG Certified

vPro *(optional)* Intel vPro Technology

Fingerprint reader *Optional:* Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)* Near Field Communication

Internal battery Front Li-Polymer 3-cell *(23Wh)* and rear Li-Ion 3-cell *(26Wh)*, both Integrated

Max battery life *MobileMark® 2014:* up to 10.5 hr

AC adapter 45W slim tip AC adapter, 45W or 65W USB Type-C AC adapter

Preload
Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test MIL-STD-810G military certification

Environment EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HF0010US	US	i7-7600U	vPro	Intel HD 620	4GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF0011US	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF0012US	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF0013US	US	i7-7600U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF0014US	US	i5-7200U	No	Intel HD 620	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	02/17
20HF0015US	US	i7-7600U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF001DUS	US	i7-7600U	vPro	Intel HD 620	8GB + 16GB	14" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HF003QUS	US	i7-7600U	vPro	Intel HD 620	4GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF003RUS	US	i5-7200U	No	Intel HD 620	4GB + 4GB	14" WQHD (2560x1440) IPS	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HF003SUS	US	i5-7200U	No	Intel HD 620	4GB + 4GB	14" WQHD (2560x1440) IPS	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HF003TUS	US	i7-7600U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF003UUS	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF003VUS	US	i5-7200U	No	Intel HD 620	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	02/17
20HF003WUS	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HF0044US	US	i7-7600U	vPro	Intel HD 620	8GB + 8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HF005GUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HF005HUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HF005JUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HF005KUS	US	i7-7600U	vPro	Intel HD 620	8GB + 16GB	14" FHD (1920x1080) IPS	10-point Multi-touch	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HF005LUS	US	i7-7600U	vPro	Intel HD 620	8GB + 16GB	14" FHD (1920x1080) IPS	10-point Multi-touch	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17

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Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HF005MUS	US	i7-7600U	vPro	Intel HD 620	8GB + 16GB	14" WQHD (2560x1440) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20HF005NUS	US	i5-7200U	No	Intel HD 620	4GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	04/17
20HF0063US	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20HF0064US	US	i5-7300U	vPro	Intel HD 620	8GB + 8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HF0065US	US	i7-7600U	vPro	Intel HD 620	8GB + 8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HF0066US	US	i5-7300U	vPro	Intel HD 620	8GB + 8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	07/17
20HF006KUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	10/17
20HF006LUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	10/17

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Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20JS0004US	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JS000MUS	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/17
20JS0014US	US	i5-6300U	vPro	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	03/17
20JS0015US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JS0016US	US	i5-6300U	vPro	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	03/17
20JS0017US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JS0018US	US	i5-6300U	vPro	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	1-year, Depot	03/17
20JS0019US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JS001AUS	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JS001BUS	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JS001CUS	US	i7-6600U	vPro	Intel HD 520	4GB + 16GB	14" FHD (1920x1080) IPS	10-point Multi-touch	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JS001DUS	US	i7-6600U	vPro	Intel HD 520	4GB + 16GB	14" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JS001GUS	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/17
20JS001HUS	US	i5-6300U	vPro	Intel HD 520	4GB + 8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20JS001JUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20JS001KUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20JS001LUS	US	i5-6300U	vPro	Intel HD 520	4GB + 8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20JS0023US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	10/17
20JS0024US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	10/17
20JS0025US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	10/17

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ThinkPad T480 Platform Specifications

Product Specifications Reference (PSREF)

Processor

7th Generation Intel® Core™ i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		

or 8th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB		
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics

Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX150, 2GB GDDR5 memory
(discrete graphics is available only on i7 models in EMEA);
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WWAN

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN + Bluetooth™

Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model (mutually exclusive with Intel Optane memory):
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
- Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

* For non-WWAN model, it means the model is NOT WWAN upgradable

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions

WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm

Weight

Models	*24Wh or 24Wh + 24Wh*	*48Wh, 72Wh, or 24Wh + 48Wh / 72Wh*
Integrated Magnesium	3.49 lb / 1.58 kg	3.92 lb / 1.78 kg
Integrated PPS	3.63 lb / 1.65 kg	4.08 lb / 1.85 kg
Discrete Magnesium	3.53 lb / 1.60 kg	3.97 lb / 1.80 kg
Discrete PPS	3.68 lb / 1.67 kg	4.12 lb / 1.87 kg

Case color

Black

Case material

Display cover: Magnesium Hybrid or PPS;
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1, one USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, 4-in-1 media reader (MMC, SD, SDHC, SDXC), side docking connector, security keyhole

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*

One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support

HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the keyboard bezel, anti-spoofing technology

NFC *(optional)*

Near Field Communication

Battery

Optional integrated Li-Ion 24Wh battery and external Li-Ion 24Wh, 48Wh, or 72Wh battery

Max battery life (*MobileMark® 2014*)

Models	*24Wh*	*48Wh*	*72Wh*	*24Wh + 24Wh*	*24Wh + 48Wh*	*24Wh + 72Wh*
Integrated model	7.2 hr	14.4 hr	21.8 hr	14.4 hr	21.8 hr	29.0 hr
Discrete model	6.6 hr	13.2 hr	19.8 hr	13.6 hr	19.8 hr	26.4 hr

* Battery life varies significantly with settings, usage, & other factors

AC adapter

45W or 65W USB Type-C AC adapter

Preload

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

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July 2018

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Case Material	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20L5000TUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L5000UUS	US	i7-8550U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L5000VUS	US	i7-8650U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L5000WUS	US	i5-8250U	No	Intel UHD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20L5000XUS	US	i7-8650U	vPro	MX150 2GB	16GBx1	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L5000YUS	US	i5-8250U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50010US	US	i7-8650U	vPro	Intel UHD 620	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50011US	US	i5-8350U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50012US	US	i5-8250U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50013US	US	i7-8650U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50014US	US	i5-8250U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50015US	US	i7-8650U	vPro	Intel UHD 620	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50016US	US	i5-7300U	vPro	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20L50017US	US	i5-8350U	vPro	Intel UHD 620	16GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50018US	US	i7-8650U	vPro	Intel UHD 620	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L50019US	US	i5-8350U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L5001AUS	US	i5-8350U	vPro	Intel UHD 620	16GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L5001BUS	US	i5-8250U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	128GB SSD	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L5001CUS	US	i7-8550U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L5001DUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Case Material	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20L5004HUS	US	i5-8250U	No	Intel UHD 620	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20L5004JUS	US	i5-8250U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L5004KUS	US	i7-8650U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L5004LUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L5004MUS	US	i7-8550U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L5004NUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L5004PUS	US	i7-8650U	vPro	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L5004QUS	US	i7-8650U	vPro	Intel UHD 620	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L50053US	US	i5-8250U	No	Intel UHD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm + 16GB Optane Memory	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	04/18
20L50054US	US	i5-8350U	vPro	Intel UHD 620	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm + 16GB Optane Memory	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L5005BUS	US	i5-8250U	No	Intel UHD 620	8GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	1-year, Depot	06/18
20L5005CUS	US	i5-8250U	No	Intel UHD 620	8GBx1	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	24Wh + 24Wh	65W USB-C	Win10 Pro 64	3-year, Depot	06/18

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ThinkPad T480s Platform Specifications

Processor

7th Generation Intel® Core™ i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7300U	2	4	2.6 GHz	3.5 GHz	3MB	DDR4-2133	Intel HD Graphics 620

or 8th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics

Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or
Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX150,
2GB GDDR5 memory (discrete models are NOT available in EMEA);
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

20GB or 24GB max / 2400MHz DDR4, dual-channel capable,
4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle, supports ThinkPad Privacy Guard on some models

Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture, 250 nits (FHD only)

Storage

One of the following, configurable by model:

- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN + Bluetooth™

Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:

- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
- Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions

WxDxH: 13.03" x 8.93" x 0.73"; 331mm x 226.8mm x 18.45mm

Weight

Starting at 2.9 lb (1.32kg)

Case color

Black or Silver

Case material

Display cover: CFRP Hybrid;
Bottom: Magnesium

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.1 Gen 1 (one Always On), USB 3.1 Type-C Gen 1,
USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45),
nano-SIM card slot (WWAN models), headphone / microphone combo jack,
optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC),
side docking connector, security keyhole

Monitor cable *(optional)*

USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera

One of the following, configurable by model:

- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support

HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers,
1W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology

NFC *(optional)*

Near Field Communication

Battery

Integrated Li-Ion 57Wh battery, supports Rapid Charge (0-80% in 60 mins) with 65W USB Type-C AC adapter

Max battery life

MobileMark® 2014: 15.6 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter

45W or 65W USB Type-C AC adapter

Operating system

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20L7001WUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7001XUS	US	i5-8350U	vPro	Intel UHD 620	8GB + 8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7001YUS	US	i7-8650U	vPro	Intel UHD 620	8GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70020US	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70021US	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70022US	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70023US	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70024US	US	i7-8650U	vPro	Intel UHD 620	8GB + 8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70025US	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70026US	US	i7-8650U	vPro	Intel UHD 620	8GB + 8GB	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70027US	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L70029US	US	i7-8650U	vPro	Intel UHD 620	8GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Silver	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7002CUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7002DUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7002EUS	US	i5-8350U	vPro	Intel UHD 620	8GB + 8GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7002FUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7002HUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7002KUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	01/18
20L7004GUS	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L7004HUS	US	i7-8650U	vPro	Intel UHD 620	8GB + 8GB	14" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18

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Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20L7004JUS	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L7004KUS	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L7004LUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L70054US	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20L70055US	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20L7005BUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS, Privacy	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20L7005CUS	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS, Privacy	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20L7005EUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS, Privacy	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18
20L7005FUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS, Privacy	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	07/18

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ThinkPad T570 Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 520 or 620 in processor only, or
Intel HD Graphics 520 or 620 in processor and
NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits,16:9 aspect ratio, 400:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN and WiGig

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model (WiGig can coexist with WWAN):
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only)
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model (WWAN can coexist with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm

Weight

Starting at 4.34 lb / 1.97 kg

Case color

Black

Case material

Display cover: Glass-Fiber Reinforced Plastic (PPS);
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I

Ports

Three USB 3.1 Gen 1 (USB 3.0, one Always On),
USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45),
Dock connector

WiGig dock *(opt)*

ThinkPad WiGig dock (US only)

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter

Camera *(optional)*

720p: HD720p resolution, fixed focus
IR & 720p: IR camera and HD720p camera (mutually exclusive with WiGig)

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)*

Near Field Communication

Internal battery

Optional: Integrated Li-Polymer 4-cell *(32Wh)*

External battery

Li-Polymer 3-cell *(24Wh)* or Li-Ion 6-cell *(48Wh or 72Wh)*

Max battery life (*MobileMark® 2014*)

Models	*4 + 3-cell*	*6-cell 48Wh*	*6-cell 72Wh*	*4 + 6-cell 48Wh*	*4 + 6-cell 72Wh*
Integrated	13.8 hr	12.5 hr	18.5 hr	20.3 hr	27.1 hr
discrete	13.8 hr	12.5 hr	18.5 hr	20.0 hr	26.8 hr

AC adapter

45W or 65W slim tip AC adapter, 45W or 65W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20H9000MUS	US	i5-7200U	No	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20H9000NUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20H9000PUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20H9000QUS	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20H9000RUS	US	i5-7200U	No	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20H9000SUS	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	1-year, Depot	01/17
20H9000TUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20H9000UUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	01/17
20H9004FUS	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20H9004NUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H9004PUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H9004QUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H9004RUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	15.6" 4K (3840x2160) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H9004SUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H9004TUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H9004UUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H9004VUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H9004WUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	04/17
20H90056US	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20H90057US	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	06/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20H90058US	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20H90059US	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	06/17
20H9005CUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	10/17
20H9005DUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	10/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20JW0004US	US	i7-6600U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JW0005US	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JW0006US	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20JW0007US	US	i7-6600U	vPro	Intel HD 520	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JW0008US	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JW0009US	US	i7-6600U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	04/17
20JW000CUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/17
20JW000DUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	06/17
20JW000GUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	10/17
20JW000HUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	10/17

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ThinkPad T580 Platform Specifications

Processor

7th Generation Intel® Core™ i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		

or 8th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics

Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX150, 2GB GDDR5 memory;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 15.6" (396mm) UHD (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x4, 32Gb/s
Some: 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WWAN

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN + Bluetooth™

Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
- Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

* For non-WWAN model, it means the model is NOT WWAN upgradable

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions

WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm

Weight

Integrated model: starting at 4.29 lb / 1.95 kg;
Discrete model: starting at 4.39 lb / 1.99 kg

Case color

Black

Case material

Display cover: Glass-Fiber Reinforced Plastic (PPS);
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.1 Gen 1 (one Always On), USB 3.1 Type-C Gen 1, USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC), side docking connector, security keyhole

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*

One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support

HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology

NFC *(optional)*

Near Field Communication

Battery

Optional integrated Li-Ion 32Wh battery and external Li-Ion 24Wh, 48Wh, or 72Wh battery

Max battery life (*MobileMark® 2014*)

Models	*24Wh*	*48Wh*	*72Wh*	*32Wh + 24Wh*	*32Wh + 48Wh*	*32Wh + 72Wh*
Max battery life	5.8 hr	12.5 hr	18.1 hr	13.8 hr	20.3 hr	26.1 hr

* Battery life varies significantly with settings, usage, & other factors

AC adapter

45W or 65W USB Type-C AC adapter

Preload

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20L90018US	US	i5-8250U	No	Intel UHD 620	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L90019US	US	i5-8350U	vPro	Intel UHD 620	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001AUS	US	i7-8650U	vPro	Intel UHD 620	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001BUS	US	i7-8650U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001DUS	US	i7-8550U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001FUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001GUS	US	i7-8650U	vPro	Intel UHD 620	16GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001JUS	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001KUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001LUS	US	i7-8650U	vPro	Intel UHD 620	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001MUS	US	i7-8550U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001NUS	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001PUS	US	i7-8650U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001QUS	US	i5-8350U	vPro	Intel UHD 620	16GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001RUS	US	i5-7300U	vPro	Intel HD 620	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	1-year, Depot	02/18
20L9001SUS	US	i7-8650U	vPro	Intel UHD 620	16GBx1	15.6" UHD (3840x2160) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001UUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9001VUS	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20L9003EUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L9003FUS	US	i7-8650U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20L9003GUS	US	i7-8550U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L9003HUS	US	i7-8650U	vPro	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L9003JUS	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L9003KUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L9003LUS	US	i7-8650U	vPro	Intel UHD 620	16GBx1	15.6" FHD (1920x1080) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L90041US	US	i5-8250U	No	Intel UHD 620	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2 + 16GB Optane Memory	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L90042US	US	i5-8350U	vPro	Intel UHD 620	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2 + 16GB Optane Memory	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20L90046US	US	i5-8250U	No	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	05/18

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ThinkPad X1 Carbon (5th Gen) Platform Specifications

Processor — 6th Generation Intel® Core™ i5 / i7 Processor *(EMEA has only i5-6300U and i7-6600U)*

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	LPDDR3-1866	Intel HD Graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	LPDDR3-1866	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics — Intel HD Graphics 520 or 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset — Intel SoC (System on Chip) platform

Memory — 8GB or 16GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets

Display —
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch — None

Storage — *One of the following, configurable by model:*
- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical — None

Ethernet — Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))
via optional ThinkPad Ethernet Extension Cable

WLAN — *One of the following, configurable by model (WiGig can coexist with WWAN):*
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)* — Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)

SIM card *(opt)* — Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions — *WxDxH:* 12.74" x 8.55" x 0.63"; 323.5mm x 217.1mm x 15.95mm

Weight — Starting at 2.49 lb / 1.13 kg

Case color — Black or Silver (silver is not available in EMEA)

Case material — *Display cover:* CFRP/GFRP hybrid;
Bottom: magnesium alloy hybrid

Smart card reader — None

Media reader — MicroSD card reader, supports UHS-II microSD card

Ports — Two USB 3.1 Gen 1 (USB 3.0, one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3 (support data, video, and power delivery), HDMI 1.4b, Ethernet extension connector

WiGig dock *(opt)* — ThinkPad WiGig dock

Monitor cable *(optional)* —
HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)* — *720p:* HD720p resolution, fixed focus
IR & 720p: IR camera and HD720p camera

Audio support — HD Audio, Conexant® CX11871 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, LED backlight

UltraNav™ — TrackPoint® pointing device and buttonless Glass surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 2.0, TCG Certified

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)* — Near Field Communication

Battery — Integrated Li-Polymer 3-cell *(57Wh)* RapidCharge battery

Max battery life — *MobileMark® 2014:* 15.5 hr

AC adapter — 45W or 65W USB Type-C AC adapter

RapidCharge

AC adapter	*45W USB-C*	*65W USB-C*
Charge to 80%	Not support	1.0 hr
Charge to 100%	Not support	2.5 hr

Preload — Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Adapter	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HR000DUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR000EUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HR000FUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR000GUS	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HR000HUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR000JUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HR000KUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HR000LUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HR000MUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR000WUS	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR0011US	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR003CUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR003DUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR003EUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	02/17
20HR0053US	US	i7-7500U	No	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HR0057US	US	i7-7500U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HR0058US	US	i7-7500U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	03/17
20HR005FUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/17
20HR005HUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/17
20HR005KUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	04/17

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Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Adapter	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HR006HUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006JUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006KUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006LUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006MUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006NUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006PUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006QUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006RUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006SUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS	None	1TB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006TUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006UUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17
20HR006VUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 Pro 64	3-year, Depot	07/17

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ThinkPad X1 Carbon (5th Gen) - TopSeller - 20K4

Product Specifications Reference (PSREF)

Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Adapter	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20K4001WUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K4001XUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K4001YUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K40020US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K40021US	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K4002RUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K4002SUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K4002TUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K4002UUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K4002WUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20K4002XUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20K4002YUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	07/17
20K40030US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Win10 DG Win7 Pro 64	3-year, Depot	07/17

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ThinkPad X1 Carbon (6th Gen) Platform Specifications

Processor

7th Generation Intel® Core™ i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7300U	2	4	2.6 GHz	3.5 GHz	3MB	LPDDR3-1866	Intel HD Graphics 620

or 8th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	LPDDR3-2133	Intel UHD Graphics 620
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 5120x2880@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset
Intel SoC (System on Chip) platform

Memory
8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets
* System clocks down for processors with lower memory controller

Display
One of the following, configurable by model:
- 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle
- 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle
- 14.0" (355mm) HDR WQHD (2560x1440) with Dolby Vision™, glossy, LED backlight, IPS, 500 nits,16:9 aspect ratio, 1500:1 contrast ratio, 100% gamut, 170° viewing angle

Multi-touch *(opt)*
On-cell touch, supports 10-finger gesture (FHD only)

Storage
One of the following, configurable by model:
- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical
None

Ethernet
Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))
via optional ThinkPad Ethernet Extension Cable Gen 2

WLAN + Bluetooth™
Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*
Integrated Mobile Broadband 4G LTE-A,
Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

SIM card *(opt)*
Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions
WxDxH: 12.74" x 8.55" x 0.63"; 323.5mm x 217.1mm x 15.95mm

Weight
Starting at 2.49 lb / 1.13 kg

Case color
Black or Silver (silver case is NOT available in EMEA)

Case material
Display cover: CFRP/GFRP hybrid;
Bottom: magnesium alloy / PPS hybrid

Smart card reader
None

Media reader
MicroSD card reader, supports UHS-II

Ports
Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet extension connector, nano-SIM card slot (WWAN models), headphone / microphone combo jack, microSD card reader, side docking connector, security keyhole

Monitor cable *(optional)*
HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*
One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support
HD Audio, Realtek® ALC3286 codec, Dolby® Audio™ Premium / stereo speakers, 1W x 2 / dual array microphone, headphone / microphone combo jack, Dolby® Atmos™ via headphones

Keyboard
6-row, spill-resistant, multimedia Fn keys, LED backlight

UltraNav™
TrackPoint® pointing device and buttonless Glass surface multi-touch touchpad

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Discrete TPM 2.0, TCG Certified

vPro *(optional)*
Intel vPro Technology

Fingerprint reader
Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology

NFC *(optional)*
Near Field Communication

Battery
Integrated Li-Ion 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life
MobileMark® 2014: 19.3 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter
45W or 65W USB Type-C AC adapter

Preload
Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test
MIL-STD-810G military certification

Environment
EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display(Size, Resolution, Type)	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Monitor Cable	Adapter	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20KH002DUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002EUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002FUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" HDR WQHD (2560x1440)IPS Glossy	None	1TB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002GUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002JUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002LUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" HDR WQHD (2560x1440)IPS Glossy	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002MUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002NUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002PUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002RUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002SUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002TUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002UUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002VUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002WUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002XUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH002YUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KH006XUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KH006YUS	US	i7-8550U	No	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KH0070US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Silver	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18

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Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display(Size, Resolution, Type)	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Monitor Cable	Adapter	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20KH0071US	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KH0072US	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KH0073US	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KH0074US	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KH0075US	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KH0076US	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KH007CUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" WQHD (2560x1440) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KH007DUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Black	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KH007EUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS AG	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	57Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18

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ThinkPad X270 Platform Specifications

Processor

6th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520
i3-6100U			2.3 GHz	-	3MB		
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 520 or 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2160@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display

Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle
Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN and WiGig

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model (WiGig is mutually exclusive with WWAN):
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1 (US only)

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model (mutually exclusive with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU) (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm

Weight

Models	*No + 3-cell*	*3-cell + 3-cell*	*3 + 6-cell*
Weight	2.79 lb / 1.27 kg	2.98 lb / 1.36 kg	3.33 lb / 1.52 kg

Case color

Black

Case material

Display cover: Glass-Fiber Reinforced Plastic;
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45), Dock connector

WiGig dock *(opt)*

ThinkPad WiGig dock, mutually exclusive with WWAN (US only)

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*

HD720p resolution, fixed focus

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)*

Near Field Communication

Internal battery

Optional: Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*

External battery

Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life (*MobileMark® 2014*)

Models	*No + 3-cell*	*3-cell + 3-cell*	*3-cell + 6-cell 48Wh*	*3-cell + 6-cell 72Wh*
Max battery life	6.52 hr	13.04 hr	20.1 hr	26.9 hr

AC adapter

45W slim tip AC adapter or 45W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20HN001FUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001GUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001HUS	US	i7-7500U	No	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001JUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001KUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001LUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001MUS	US	i7-7500U	No	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001NUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001PUS	US	i3-7100U	No	Intel HD 620	4GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001QUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN001RUS	US	i7-7500U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	02/17
20HN004UUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HN004VUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" HD (1366x768) IPS	None	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HN006AUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006BUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006CUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006DUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006EUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006FUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006GUS	US	i7-7500U	No	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20HN006HUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006JUS	US	i7-7500U	No	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006KUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17
20HN006VUS	US	i7-7500U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 Pro 64	3-year, Depot	08/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20K6000LUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6000MUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6000NUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6000PUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6000QUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6000RUS	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6000SUS	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6000TUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	05/17
20K6000UUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6000VUS	US	i7-6500U	No	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	03/17
20K6001AUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17
20K6001BUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17
20K6001CUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17
20K6001DUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17
20K6001EUS	US	i7-6500U	No	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17
20K6001FUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17
20K6001GUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17
20K6001HUS	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W Slim Tip	Win10 DG Win7 Pro 64	3-year, Depot	08/17

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ThinkPad X280 Platform Specifications

Processor

7th Generation Intel® Core™ i3 / i5 Processor
(i3-7130U is NOT available in US and EMEA; i5-7200U is NOT available in US)

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7130U	2	4	2.7 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		

or 8th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB		
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset
Intel SoC (System on Chip) platform

Memory
4GB, 8GB, or 16GB / 2400MHz DDR4 / soldered to systemboard, no sockets
(4GB memory is NOT available in US and EMEA)
* System clocks down for processors with lower memory controller

Display
Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*
On-cell touch, supports 10-finger gesture (FHD only)
(FHD non-touch model is NOT available in US)

Storage
One of the following, configurable by model:
- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical
None

Ethernet
Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))
via optional ThinkPad Ethernet Extension Cable Gen 2

WLAN + Bluetooth™
Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*
One of the following, configurable by model:
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
- Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

** For non-WWAN model, it means the model is NOT WWAN upgradable*

SIM card *(opt)*
Nano-SIM card slot, in the combo slot with microSD card reader,
optional Verizon LTE (US) SIM card

Dimensions
WxDxH: 12.11" x 8.26" x 0.69-0.70"; 307.7mm x 209.8mm x 17.4-17.8mm

Weight
FHD non-touch model: 2.49 lb / 1.13 kg;
HD non-touch model: 2.78 lb / 1.26 kg;
FHD multi-touch model: 2.79 lb / 1.27 kg

Case color
Black

Case material
Display cover: Carbon Fiber (FHD non-touch model) or Glass Fiber (HD / FHD multi-touch model);
Bottom: Magnesium/Aluminum

Smart card reader
Optional: Smart card reader

Media reader
MicroSD card reader, in the combo slot with nano-SIM card

Ports
Two USB 3.1 Gen 1 (one Always On), USB 3.1 Type-C Gen 1,
USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet extension connector,
combo slot of nano-SIM card (WWAN models) and microSD card reader,
headphone / microphone combo jack, optional smart card reader,
side docking connector, security keyhole

Monitor cable *(optional)*
HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*
One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support
HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers,
2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard
6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™
TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Discrete TPM 2.0, TCG Certified

vPro *(optional)*
Intel vPro Technology

Fingerprint reader
Optional: Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology

NFC *(optional)*
Near Field Communication

Battery
Integrated Li-Ion 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life
MobileMark® 2014: 16.6 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter
45W or 65W USB Type-C AC adapter

Preload
Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test
MIL-STD-810G military certification

Environment
EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Adapter	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20KF001TUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	12.5" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	None	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF001YUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	12.5" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF0020US	US	i7-8550U	No	Intel UHD 620	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF0021US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	IR &720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF0022US	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF0024US	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	12.5" HD (1366x768)	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF0025US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF0029US	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	12.5" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF002QUS	US	i7-8550U	No	Intel UHD 620	16GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF002RUS	US	i7-8550U	No	Intel UHD 620	16GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF002SUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF002TUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20KF005EUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KF005FUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KF005GUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KF005HUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KF005JUS	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KF005KUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KF005LUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Fibocom L850-GL	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20KF005QUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	12.5" HD (1366x768)	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Non-backlit	None	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Monitor Cable	Adapter	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20KF005RUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	12.5" HD (1366x768)	None	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18
20KF005SUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	48Wh	65W USB-C	Win10 Pro 64	3-year, Depot	05/18

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Expedited Depot: Parts and labor coverage with expedited turnaround. Shipping (including packaging) or delivery to the repair center is paid for by Lenovo.
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If Lenovo determines your product problem is covered by the product warranty and cannot be resolved over the telephone, a technician will be dispatched to arrive onsite, typically the next day.
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Visit www.lenovo.com/warranty for Lenovo Warranty Services terms and conditions for complete details and restrictions.

Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

Visit **http://psref.lenovo.com/** for the latest version of Product Specifications Reference.

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Lenovo ThinkPad Tablets Convertibles

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Product Specifications Reference

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Summary of Changes

This section describes the technical changes made in this edition.
This edition might also include minor corrections and editorial changes which are not identified.

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Additions in this update

►**New product(s)**
None

►**New model(s)**
ThinkPad X380 Yoga new product announced June 2018

►**Others**
None

Changes in this update

►None

Withdrawals in this update

►**Withdrawn product(s)**
None

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ThinkPad X1 Tablet (2nd Gen) Platform Specifications

Processor — 7th Generation Intel® Core™ m / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7Y54	2	4	1.2 GHz	3.2 GHz	4MB	LPDDR3-1866	Intel HD Graphics 615
i5-7Y57			1.2 GHz	3.3 GHz	4MB		
i7-7Y75			1.3 GHz	3.6 GHz	4MB		

Graphics	Intel HD Graphics 615 in processor, supports 1080p video out via Mini DisplayPort connector
Chipset	Intel SoC (System on Chip) platform
Memory	8GB, or 16GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets
Display	12.0" (304.8mm) FHD+ (2160x1440), glossy, LED backlight, IPS, anti-figerprint display with Corning® Gorilla® Glass, WideView (170° viewing), 360 nits, 3:2 aspect ratio, 800:1 contrast ratio
Multi-touch	Capacitive touch panel, supports ten-finger gesture
Pen	*Optional:* ThinkPad Pen Pro, active pen for multi-touch display
Kick stand	Opening angle up to 90 degrees
Storage	*Some:* M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD) *Some:* M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)
Optical	None
Storage extension	One microSD card slot, supports up to 32GB microSDHC or 64GB microSDXC
Ethernet	None
WLAN	Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, soldered M.2 chip
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo chip ** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*
WiGig	Intel Wireless Gigabit 11000, WiGig 802.11ad, soldered M.2 chip
WWAN *(optional)*	Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)
SIM card *(opt)*	Nano-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card
Dimensions	*Tablet only:* 11.48" x 8.25" x 0.34"; 291.5mm x 209.5mm x 8.45mm *Tablet + keyboard:* 11.48" x 8.25" x 0.56"; 291.5mm x 209.5mm x 14.15mm
Weight	*Tablet only:* starting at 1.69 lb (0.77kg) *Tablet+keyboard:* starting at 2.35 lb (1.07kg)
Case color	Black
Case material	Mg + PCGF Hybrid
Smart card reader	None
Media reader	One microSD card slot (microSD, microSDHC, microSDXC)
Ports	One USB 3.1 Gen 1 / USB 3.0, one Mini DisplayPort, one USB 3.1 Type-C Gen 1 / Power Delivery 2.0, one Pogo keyboard connector, one cartrige connector for optional modules, one nano-SIM card slot
Control buttons	Power button, volume control button, reset switch
WiGig dock	*Optional:* ThinkPad WiGig dock
Monitor cable *(optional)*	*MiniDP to HDMI:* Lenovo Mini DisplayPort to HDMI Monitor Cable *MiniDP to VGA:* Lenovo Mini DisplayPort to VGA Monitor Cable
Adapter *(optional)*	*USB to RJ45:* ThinkPad USB 3.0 Ethernet Adapter *USB-C to VGA:* Lenovo USB C to VGA Plus Power Adapter *USB-C to HDMI:* Lenovo USB-C to HDMI Plus Power Adapter

Camera	*Front camera:* 2.0-megapixel, fixed focus *Rear camera:* 8.0-megapixel, auto focus, flash LED
Video capture	1080p video capture
Audio support	Realtek® ALC3268 codec / stereo speakers, 0.5W x 2 / three microphones, combo audio/microphone jack
Pogo keyboard	Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch, backlit
Keyboard color	Black, red, or silver
Security	Kensington lock slot
Security chip	Discrete TPM 2.0 TCG Certified
vPro *(optional)*	Intel vPro Technology
Fingerprint reader	*Optional:* Touch style Fingerprint reader
NFC	None
Module	*One of the following, configurable by model:* • Productivity module, USB3.0 x 1, HDMI, OneLink+, 5 hrs battery (24Wh) • Presenter module, Pico projector, HDMI and 10Whr battery for presenter
Battery	Li-Polymer 2-cell *(37Wh)* battery
Max battery life	*MobileMark® 2014:* 10 hr (local video playback)
AC adapter	45W or 65W USB Type-C AC adapter
Light sensor	Ambient Light Sensor
G-sensor	3D accelerometer
Compass	3D compass
Gyroscope	3D gyrometer
GPS	GPS function is integrated into WWAN module
Preload	*Some:* Windows 10 Pro 64 *Some:* Windows 10 Home 64 • Lenovo Connect • Lenovo Companion • Lenovo Setting • Microsoft® Office preloaded; purchase a product key to activate
Limited warranty	*One of the following, configurable by model:* • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service
Mil-Spec test	MIL-STD-810G military certification
Environment	EPEAT™ Gold, GREENGUARD, Low Halogen, RoHS

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Camera (Front / Rear)	Keyboard Docking	Pen	Fingerprint Reader	Module	Power Adapter	Operating System	Warranty	Global	Ann Date (mm/yy)
20JB0027US	US	i5-7Y57	vPro	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB0029US	US	i7-7Y75	vPro	Intel HD 615	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB002BUS	US	i7-7Y75	vPro	Intel HD 615	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB002CUS	US	i5-7Y54	No	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	1-year, Depot	No	03/17
20JB002DUS	US	i5-7Y54	No	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	1-year, Depot	No	03/17
20JB002EUS	US	i7-7Y75	vPro	Intel HD 615	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB002FUS	US	i5-7Y57	vPro	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB002JUS	US	i5-7Y57	vPro	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB002KUS	US	i7-7Y75	vPro	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB002LUS	US	i7-7Y75	vPro	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB002MUS	US	i7-7Y75	vPro	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB002NUS	US	i7-7Y75	vPro	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	1-year, Depot	No	03/17
20JB0035US	US	i7-7Y75	vPro	Intel HD 615	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	3-year, Depot	No	03/17
20JB003RUS	US	i7-7Y75	vPro	Intel HD 615	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	45W	Win10 Pro 64	1-year, Depot	No	05/17

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ThinkPad X1 Tablet (3rd Gen) Platform Specifications

Processor — 8th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	LPDDR3-2133	Intel UHD Graphics 620
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics — Intel UHD Graphics 620 in processor, supports external digital monitor via USB Type-C

Chipset — Intel SoC (System on Chip) platform

Memory — 8GB, or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets

Display — 13.0" (330mm) QHD+ (3000x2000), glossy, LED backlight, IPS, anti-figerprint display with Corning® Gorilla® Glass, WideView (160° viewing), 400 nits, 3:2 aspect ratio, 1200:1 contrast ratio

Multi-touch — Capacitive touch panel, supports ten-finger gesture

Pen — *Optional:* Lenovo Pen Pro or Lenovo Active Pen (ThinkPad Pen Pro) for multi-touch display

Kick stand — Opening angle up to 170 degrees

Storage — *Some:* M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical — None

Storage extension — One MicroSD card reader, in the combo slot with nano-SIM card, support USH-I, microSDHC, microSDXC

Ethernet — None

WLAN — Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* — Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)

SIM card *(opt)* — Nano-SIM card slot, in the combo slot with microSD card reader

Dimensions
Tablet only: 11.97" x 8.9" x 0.35"; 304.1mm x 226mm x 8.9mm
Tablet + keyboard: 11.97" x 8.9" x 0.59"; 304.1mm x 226mm x 15.1mm

Weight
Tablet only: starting at 1.96 lb (0.89kg)
Tablet+keyboard: starting at 2.8 lb (1.27kg)

Case color — Black

Case material — Magnesium/Aluminum

Smart card reader — None

Ports — Two USB 3.1 Type-C Gen 1 / Thunderbolt 3 / Power Delivery 3.0, one Pogo keyboard connector, one Pen holder slot, headphone / microphone combo jack, combo slot of nano-SIM card (WWAN models) and microSD card reader

Control buttons — Power button, volume control button, reset switch

Dock — *Optional:* Hybrid dock

Monitor cable *(opt)* — None

Adapter *(optional)* — *USB-C to RJ45:* Lenovo USB-C to Ethernet Adapter
USB-C to VGA: Lenovo USB C to VGA Plus Power Adapter
USB-C to HDMI: Lenovo USB-C to HDMI Plus Power Adapter

Camera — *Front camera:* 2.0-megapixel, fixed focus
Rear camera: 8.0-megapixel, auto focus, flash LED

IR Camera — *Optional:* IR camera, fixed focus (Not available with NFC)

Audio support — Realtek® ALC3278 codec / stereo speakers, 1W x 2 / two microphones, combo audio/microphone jack

Pogo keyboard — Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch, backlit

Keyboard color — Black

Security — Kensington lock slot

Security chip — Discrete TPM 2.0 TCG Certified

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — *Optional:* Touch style Fingerprint reader

NFC *(optional)* — Near Field Communication (Not available with the IR camera)

Battery — Integrated Li-Ion 42Wh battery

Max battery life — *MobileMark® 2014:* 9.5 hr

AC adapter — 45W or 65W USB Type-C AC adapter

Light sensor — Ambient Light Sensor

G-sensor — 3D accelerometer

Compass — 3D compass

Gyroscope — 3D gyrometer

GPS — GPS function is integrated into WWAN module

Preload — *Some:* Windows 10 Pro 64
Some: Windows 10 Home 64

Limited warranty — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold, GREENGUARD, Low Halogen, RoHS

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Dock	Camera (Front / Rear)	Keyboard Docking	Pen	Fingerprint Reader	Module	Power Adapter	Operating System	Warranty	Global	Ann Date (mm/yy)
20KJ0017US	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ0018US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ0019US	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ001AUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ001BUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ001CUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	2.0MP / 8.0MP + IR	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ001DUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	2.0MP / 8.0MP + IR	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ001EUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ001FUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	03/18
20KJ001QUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13" QHD+ (3000x2000) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	Pen Pro	Fingerprint Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	No	05/18

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ThinkPad L380 Yoga Platform Specifications

Processor

Intel® Celeron® Processor, 7th Generation Intel Core™ i3 / i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620

or 8th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics
Intel HD Graphics 620 or Intel UHD Graphics 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset
Intel SoC (System on Chip) platform

Memory
32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display
13.3" (338mm) FHD (1920x1080), glossy, LED backlight, IPS,
300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*
Capacitive-type multi-touch, AR (anti-reflection), supports 10-finger gesture

Hinge
Yoga hinge, 360 degree

Convert-mode
Laptop, tent, stand, yoga and tablet

Pen
ThinkPad Pen Pro, active pen for multi-touch display, on-board garage

Storage
One of the following, configurable by model:
- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical
None

Ethernet
Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))
via optional ThinkPad Ethernet Extension Cable

WLAN + Bluetooth™
Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Wireless card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN
None

SIM card
None

Dimensions
WxDxH: 12.67" x 8.82" x 0.74"; 322mm x 224.2mm x 18.8mm

Weight
Starting at 3.44 lb / 1.56 kg

Case color
Black or Silver

Case material
Display cover: Aluminum
Bottom: GFRP

Smart card reader
None

Media reader
MicroSD card reader

Ports
Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1,
HDMI 1.4b, Ethernet extension connector, headphone / microphone combo jack,
microSD card reader, security keyhole

Monitor cable
HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera
720p: HD720p resolution, low light sensitive, fixed focus
IR & 720p: IR camera and HD720p camera, fixed focus
World facing: Rear camera, 5MP resolution, auto focus (Not available in EMEA)

Audio support
HD Audio, Realtek ALC3287 codec, Dolby® Advance / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard
6-row, multimedia Fn keys, optional LED backlight

UltraNav™
TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Discrete TPM 2.0, TCG Certified

vPro *(optional)*
Intel vPro Technology

Fingerprint reader
Optional: Touch style fingerprint reader on the keyboard bezel, anti-spoofing technology

NFC *(optional)*
Near Field Communication (mutually exclusive with smart card reader)

Battery
Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life
MobileMark® 2014: 12.85 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter
45W or 65W USB Type-C AC adapter

Preload
Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test
MIL-STD-810G military certification

Environment
EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Lenovo
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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Color	Camera (Front/WorldFacing)	Keyboard	Fingerprint Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20M7000FUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	IR &720p	Backlit	Fingerprint Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M7000GUS	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	Front 720p / World Facing 5MP	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M7000HUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	Front 720p / None	Backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M7000JUS	US	i7-8550U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	Front 720p / None	Backlit	Fingerprint Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M7000KUS	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	Front 720p / None	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M7000LUS	US	i5-8350U	vPro	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	Front 720p / None	Backlit	Fingerprint Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M7000MUS	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	Front 720p / None	Non-backlit	Fingerprint Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M7000PUS	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	Front 720p / World Facing 5MP	Backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/18
20M7002MUS	US	i3-8130U	No	Intel UHD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	Front 720p / None	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	04/18
20M7002NUS	US	i3-8130U	No	Intel UHD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	Front 720p / None	Non-backlit	Fingerprint Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	04/18
20M7002PUS	US	i3-8130U	No	Intel UHD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	Front 720p / World Facing 5MP	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	04/18
20M70032US	US	i3-8130U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	Front 720p / None	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	05/18
20M70033US	US	i3-8130U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	Front 720p / None	Non-backlit	None	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	05/18
20M70034US	US	i5-8250U	No	Intel UHD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	Front 720p / None	Backlit	Fingerprint Reader	None	dTPM 2.0	45Wh	65W USB-C	Windows 10 Pro 64	1-year, Depot	05/18

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ThinkPad P40 Yoga Platform Specifications

Product Specifications Reference (PSREF)

Processor

6th Generation Intel® Core™ i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	vPro
i7-6500U	2	4	2.5 GHz	3.1 GHz	4MB	DDR3L-1600	Intel HD Graphics 520	No
i7-6600U			2.6 GHz	3.4 GHz	4MB			vPro

Graphics

Intel HD Graphics 520 in processor and
Nvidia Quadro M500M Graphics, 2GB DDR3 memory,
supports external digital monitor via HDMI, or Mini DisplayPort;
supports dual independent display;
Max resolution: 3840x2160 (Mini DisplayPort)@60Hz; 1920x1080 (HDMI)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / 1600MHz DDR3L / one 204-pin SO-DIMM sockets

Display

Some: 14.0" (355mm) WQHD (2560x1440), glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio

Multi-touch

Capacitive touch panel, supports 10-finger gesture

Hinge

Yoga hinge, 360 degree

Convert-mode

Laptop, tent, stand, and tablet

Pen

ThinkPad Pen Pro, active pen for multi-touch display

Storage

SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high

Optical

None

Ethernet

Gigabit Ethernet via optional Ethernet (RJ-45) adapter
(by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))

WLAN

11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

Wireless WAN, Sierra Wireless EM7455,
Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card

SIM card

Micro-SIM card slot

Dimensions

WxDxH: 13.30" x 9.30" x 0.78"; 338.0mm x 236.3mm x 19.9mm

Weight

From 3.96 lb (1.80kg)

Case color

Black

Case materal

Carbon-Fiber Hybrid

Smart card reader

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), Mini DisplayPort, HDMI,
Onelink+ connector, combo audio / microphone jack

Monitor cable *(optional)*

HDMI-VGA: Lenovo HDMI to VGA Monitor Cable
mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable

Adapter *(optional)*

RJ45: ThinkPad OneLink+ to RJ45 adapter
VGA/RJ45: ThinkPad OneLink+ to VGA/RJ45 adapter

Camera

HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® DAX2 /
stereo speakers, 1.5W x 2 / dual array microphone,
combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, LED backlit

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Trusted Platform Module, TCG 1.2-compliant and Software TPM 2.0

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Swipe fingerprint reader under C cover

NFC

None

Battery type

Li-Polymer 3-cell (53Wh)

Battery life

Up to 8.0 hr

AC adapter

65W AC adapter

Light sensor

Ambient Light Sensor

G-sensor

3D accelerometer

Compass

3D compass

Gyroscope

3D gyrometer

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Some: Windows 10 Pro 64
Some: Windows 10 Home 64

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

For ISV certifications, please visit www.lenovo.com/support/ISV

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Case Material	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Monitor Cable	Color	Camera	Keyboard	Pen	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	Warranty	Global	End of Support	Ann Date (m/y)
20GQ000BUS	US	i7-6500U	No	M500M 2GB	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	65W	Win10 Pro 64	1-year, Depot	No	Feb 2, 2021	02/16
20GQ000CUS	US	i7-6600U	vPro	M500M 2GB	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	65W	Win10 Pro 64	1-year, Depot	No	Feb 2, 2021	02/16
20GQ000EUS	US	i7-6600U	vPro	M500M 2GB	16GBx1	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	Carbon	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	65W	Win10 Pro 64	1-year, Depot	No	Feb 2, 2021	02/16

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ThinkPad X1 Yoga (2nd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor

7th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	LPDDR3-1866	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 620 in processor only,
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

8GB or 16GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets

Display

Some: 14.0" (355mm) FHD (1920x1080), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS
Some: 14.0" (355mm) Narrow Bezel FHD (1920x1080), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS
Some: 14.0" (355mm) WQHD (2560x1440), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS
Some: 14.0" (355mm) WQHD (2560x1440), glossy, OLED, 300 nits, 16:9 aspect ratio, 54000:1 contrast ratio, 100% gamut, 176° viewing angle

Multi-touch

LED panel: Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture
OLED panel: OCTA, AS (anti-smudge), supports 10-finger gesture

Hinge

Yoga hinge, 360 degree

Convert-mode

Laptop, tent, stand, and tablet

Pen *(optional)*

ThinkPad Pen Pro, active pen for multi-touch display

Storage

Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical

None

Ethernet

Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))
via optional ThinkPad Ethernet Extension Cable

WLAN

One of the following, configurable by model (WiGig is mutually exclusive with WWAN):

- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2, 802.11ac + BT4.1, M.2 Card
- Intel Tri-Band Wireless-AC 18265, WiGig™ 802.11ad + Wi-Fi 2x2, 802.11ac + BT4.1, M.2 Card

WiGig adapter is only available in selected countries

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 13.11" x 9.02" x 0.69"; 333mm x 229mm x 17.4mm

Weight

Starting at 2.99 lb (1.36kg) for OLED model; 3.13 lb (1.42kg) for other model

Case color

Black or silver

Case materal

Display cover: Carbon-Fiber Hybrid;
Bottom: magnesium-PPS hybrid

Smart card reader

None

Media reader

MicroSD card reader, supports UHS-II microSD card

Ports

Three USB 3.1 Gen 1 (USB 3.0, one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3 (support data, video, and power delivery), HDMI 1.4b, Ethernet extension connector, combo audio / microphone jack

WiGig dock *(opt)*

ThinkPad WiGig dock

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*

720p: HD720p resolution, fixed focus
IR & 720p: IR camera and HD720p camera (Narrow Bezel FHD panel only)

Audio support

HD Audio, Conexant® CX11771 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

Keyboard

6-row wave keyboard (rise & fall), spill-resistant, multimedia Fn keys, LED backlit

UltraNav™

TrackPoint® pointing device and 3+2 buttons multi-touch clickpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0 TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)*

Near Field Communication

Battery

Li-Polymer 4-cell (56Wh)

Max battery life

MobileMark® 2014: 15.5 hr

AC adapter

45W or 65W USB Type-C AC adapter

RapidCharge

AC adapter	*45W USB-C*	*65W USB-C*
Charge to 80%	Not support	1.0 hr
Charge to 100%	Not support	2.8 hr

Light sensor

Ambient Light Sensor

G-sensor

3D accelerometer and 3D magnetometer

Compass

3D compass

Gyroscope

3D gyrometer

Preload

Some: Windows 10 Home 64
Some: Windows 10 Pro 64

- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Adapter	Color	Camera	Keyboard	Pen	Finger-print Reader	NFC	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20JD000PUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000QUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000RUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS Gloss	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000SUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000TUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000UUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000VUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000WUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) OLED Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000XUS	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD000YUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS Gloss	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD0015US	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JD0022US	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	180GB SSD M.2 Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	05/17
20JD004UUS	US	i7-7500U	No	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	05/17
20JD004VUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	180GB SSD M.2 Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	05/17
20JD0060US	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	10/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Adapter	Color	Camera	Keyboard	Pen	Finger-print Reader	NFC	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20JF000BUS	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000CUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS Gloss	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000DUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000EUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000FUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000GUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS Gloss	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000HUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) OLED Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000JUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000KUS	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000LUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF000MUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" WQHD (2560x1440) IPS Gloss	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	04/17
20JF002KUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS NB	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W	Win10 Pro 64	3-year, Depot	No	10/17

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ThinkPad X1 Yoga (3rd Gen) Platform Specifications

Processor — 8th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	LPDDR3-2133	Intel UHD Graphics 620
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics — Intel UHD Graphics 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 5120x2880@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset — Intel SoC (System on Chip) platform

Memory — 8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets

Display
- *Some:* 14.0" (355mm) FHD (1920x1080), LED backlight, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS
- *Some:* 14.0" (355mm) WQHD (2560x1440), LED backlight, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS
- *Some:* 14.0" (355mm) HDR WQHD (2560x1440) with Dolby Vision™, LED backlight, 500 nits, 16:9 aspect ratio, 1500:1 contrast ratio, 100% gamut, 170° viewing angle, IPS

Multi-touch — Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture

Hinge — Yoga hinge, 360 degree

Convert-mode — Laptop, tent, stand, and tablet

Pen *(optional)* — ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable

Storage
- *Some:* M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
- *Some:* M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical — None

Ethernet — Native Intel Ethernet Connection WGI219-LM (*vPro*)
via optional ThinkPad Ethernet Extension Cable

WLAN — Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* — Integrated Mobile Broadband 4G LTE-A,
Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

SIM card *(opt)* — Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions — *WxDxH:* 13.11" x 9.02" x 0.67"; 333mm x 229mm x 17.05mm

Weight — Starting at 3.08 lb (1.4kg)

Case color — Black or silver

Case material — *Display cover:* Carbon-Fiber and Glass-Fiber hybrid;
Bottom: magnesium-PPS hybrid

Smart card reader — None

Media reader — MicroSD card reader, supports UHS-II

Ports — Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4, Ethernet extension connector, nano-SIM card slot (WWAN models), headphone / microphone combo jack, microSD card reader

WiGig dock — None

Monitor cable *(optional)*
- *HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter
- *USB-C to VGA:* Lenovo USB-C to VGA Adapter
- *USB-C to DP:* Lenovo USB-C to DisplayPort Adapter

Camera *(optional)* — *One of the following, configurable by model:*
- *720p:* HD720p camera with ThinkShutter camera privacy, fixed focus
- *IR & 720p:* IR camera and HD720p camera, fixed focus
- ** WWAN models and HDR panel models can not support IR camera*

Audio support — HD Audio, Realtek® ALC3286 codec, Dolby® Audio™ Premium / stereo speakers, 1W x 2 / dual array microphone, headphone / microphone combo jack, Dolby® Atmos™ via headphones

Keyboard — 6-row wave keyboard (rise & fall), spill-resistant, multimedia Fn keys, LED backlit

UltraNav™ — TrackPoint® pointing device and 3+2 buttons multi-touch clickpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 2.0 TCG Certified

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)* — Near Field Communication

Battery — Integrated Li-Ion 54Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life — *MobileMark® 2014:* 15.4 hr

AC adapter — 45W or 65W USB Type-C AC adapter

Light sensor — Ambient Light Sensor

G-sensor — 3D accelerometer and 3D magnetometer

Compass — None

Gyroscope — 3D gyrometer

Preload — Windows 10 Pro 64

Limited warranty — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display(Size, Resolution, Type)	Multi-touch	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	Dock	Monitor Cable	Adapter	Color	Camera	Keyboard	Pen	Finger-print Reader	NFC	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20LD001CUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" HDR WQHD (2560x1440)IPS	10-point Multi-touch	1TB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LD001DUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LD001EUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LD001FUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" HDR WQHD (2560x1440)IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LD001GUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LD001HUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Black	IR &720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LD001JUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LD001KUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LD002NUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LD002PUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LD002QUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LD002RUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LD002SUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LD002TUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18

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ThinkPad X1 Yoga (3rd Gen) - TopSeller - 20LF

Product Specifications Reference (PSREF)

Model	Region	Processor	vPro	Graphics	Memory	Display(Size, Resolution, Type)	Multi-touch	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	Dock	Monitor Cable	Adapter	Color	Camera	Keyboard	Pen	Finger-print Reader	NFC	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20LF000JUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LF000KUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	IR &720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LF000LUS	US	i7-8650U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LF000MUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LF000NUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LF000PUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	02/18
20LF000VUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LF000WUS	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	14" WQHD (2560x1440) IPS	10-point Multi-touch	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LF000XUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18
20LF000YUS	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	FIBOCOM L850	None	None	None	Silver	720p	Backlit	Pen Pro	Finger-print Reader	None	65W USB-C	Win10 Pro 64	3-year, Depot	04/18

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ThinkPad X380 Yoga Platform Specifications

Processor

8th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics
Intel UHD Graphics 620 in processor only;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset
Intel SoC (System on Chip) platform

Memory
8GB or 16GB / 2400MHz DDR4 / soldered to systemboard, no sockets
* System clocks down for processors with lower memory controller

Display
13.3" (337.8mm) FHD (1920x1080), glossy, LED backlight, IPS
300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle

Multi-touch
Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture

Hinge
Yoga hinge, 360 degree

Convert-mode
Laptop, tent, stand, yoga and tablet

Pen
ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable

Storage
Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical
None

Ethernet
Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*) via optional ThinkPad Ethernet Extension Cable

WLAN
Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

Bluetooth™
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*
Integrated Mobile Broadband 4G LTE,
Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)

SIM card *(opt)*
Nano-SIM card slot

Dimensions
WxDxH: 12.34" x 8.75" x 0.72"; 313.5mm x 222.2mm x 18.2mm

Weight
Starting at 3.17 lb (1.43kg)

Case color
Black or silver

Case Material
Carbon-Fiber Hybrid

Smart card reader
Optional: Smart card reader (mutually exclusive with NFC)

Media reader
One microSD card slot (microSD, microSDHC, microSDXC), UHS-I

Ports
Two USB 3.1 Gen 1 (one Always On), Ethernet extension connector, one USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, microSD card reader, nano-SIM card slot (WWAN models), headphone / microphone combo jack

WiGig dock
None

Monitor cable *(optional)*
USB-C to VGA: Lenovo USB-C to VGA Plus Power Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter
HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter

Camera
One of the following, configurable by model:
720p: HD720p camera, fixed focus
IR & 720p: IR camera and HD720p camera, fixed focus

Audio support
HD Audio, Conexant® CX11771 codec / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard
6-row, spill-resistant, multimedia Fn keys, LED backlight

UltraNav™
TrackPoint® pointing device and 3+2 buttons Mylar surface multi-touch click pad

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Discrete TPM 2.0 TCG Certified

vPro *(optional)*
Intel vPro Technology

Fingerprint reader
Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)*
Near Field Communication (mutually exclusive with smart card reader)

Battery
Li-Ion 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter

Max battery life
MobileMark® 2014: 13.6 hr

AC adapter
45W or 65W slim tip AC adapter , 45W or 65W USB Type-C AC adapter

Light sensor
Ambient Light Sensor

G-sensor/ eCompass
3D accelerometer and 3D magnetometer
3D compass

Gyroscope
3D gyrometer

Preload
Some: Windows 10 Home 64
Some: Windows 10 Pro 64

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service

Mil-Spec test
MIL-STD-810G military certification

Environment
EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Adapter	Color	Pen	Fingerprint Reader	NFC	Power Adapter	Operating System	Warranty	End of Support	Ann Date (mm/yy)
20LH000VUS	US	i7-8550U	No	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH000WUS	US	i7-8550U	No	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH000XUS	US	i7-8550U	No	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH000YUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0010US	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0011US	US	i7-8550U	No	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0012US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0013US	US	i5-8250U	No	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0014US	US	i5-8250U	No	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	128GB SSD M.2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0015US	US	i5-8250U	No	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0016US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0017US	US	i7-8550U	No	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH0018US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Feb 6, 2023	02/18
20LH001QUS	US	i5-8350U	vPro	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	May 17, 2024	04/18
20LH001RUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	May 17, 2024	04/18
20LH001SUS	US	i5-8250U	No	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	May 17, 2024	04/18
20LH0023US	US	i5-8250U	No	Intel UHD 620	8GB Soldered	13.3" FHD (1920x1080) IPS	180GB SSD M.2 Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Jun 1, 2024	05/18
20LH0026US	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Jul 12, 2024	06/18
20LH0027US	US	i5-8350U	vPro	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Jul 12, 2024	06/18
20LH0028US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	1TB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Jul 12, 2024	06/18

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Model	Region	Processor	vPro	Graphics	Memory	Display	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Adapter	Color	Pen	Fingerprint Reader	NFC	Power Adapter	Operating System	Warranty	End of Support	Ann Date (mm/yy)
20LH0029US	US	i7-8650U	vPro	Intel UHD 620	16GB Soldered	13.3" FHD (1920x1080) IPS	180GB SSD M.2 Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	65W Slim Tip	Win10 Pro 64	3-year, Depot	Jul 12, 2024	06/18

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ThinkPad Yoga 11e (3rd Gen) Platform Specifications

Processor

Intel® Celeron® processor, Intel Pentium® Processor, or 6th Generation Intel Core™ i3 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics
Cel N3150	4	4	1.6 GHz	2.08 GHz	2MB	DDR3L-1600	Intel HD graphics
Cel N3160	4	4	1.6 GHz	2.24 GHz	2MB		Intel HD graphics
Pen 4405U	2	4	2.1 GHz	-	2MB		Intel HD graphics 510
i3-6100U			2.3 GHz	-	3MB		Intel HD graphics 520

Graphics

Intel HD Graphics, Intel HD Graphics 510, or Intel HD Graphics 520 in processor, supports external digital monitor via HDMI™; supports dual independent display; Max resolution: 1920X1080 (HDMI)@30Hz

Chipset

Intel SoC (System on Chip) platform

Memory

2GB, 4GB, or 8GB / PC3-12800 1600MHz DDR3L, one DDR3L SO-DIMM socket

Display

11.6" (295mm) HD (1366x768), glare, LED backlight, IPS 250 nits, 16:9 aspect ratio, 800:1 contrast ratio

MultiTouch

Yes, support 10 fingers

Hinge

Yoga hinge, 360 degree

Convertible mode

Laptop, tent, stand and tablet

Pen

Some: Active pen, batteries required

Storage

M.2 Solid State Drive (SSD), SATA 6.0Gb/s

Optical

None

Ethernet

Realtek RTL8111GUS-CG Gigabit Network Connection

WLAN[4]

One of the following, configurable by model:

- 11ac+BT, Intel Dual Band Wireless-AC 3165, 1x1, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

Dimensions[3]

WxDxH: 11.81" x 8.27" x 0.90"; 300mm x 210mm x 22.9mm

Weight[2]

from 3.5 lb (1.59kg)

Case color

Display cover: Graphite Black or Silver; *Bottom:* Graphite Black

Case material

Display cover: PC+40%GF+TPU; *Bottom:* PCC

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0, HDMI, Ethernet (RJ-45)

Control buttons

Power button, volume control button

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 / monaural digital microphone, combo audio/microphone jack

Keyboard

ThinkPad Windows keyboard, 6-row, multimedia Fn keys

UltraNav™

Buttonless touchpad below keyboard, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Trusted Platform Module, TCG 1.2-compliant

vPro

None

Fingerprint reader

None

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life[10]

MobileMark® 2014: 11.53 hr

AC adapter

45-watt AC adapter

Preload

Some: Windows 10 Home 64
Some: Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12]

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service (US only)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Pen	Finger-print Reader	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20GA000KUS	US	Celeron N3150	Intel HD	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000LUS	US	Celeron N3150	Intel HD	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000MUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000NUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	256GB SSD Opal2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000QUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000YUS	US	i3-6100U	Intel HD 520	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA001EUS	US	Celeron N3160	Intel HD	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	09/16
20GA001FUS	US	Celeron N3160	Intel HD	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	09/16

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ThinkPad Yoga 11e (4th Gen) Platform Specifications

Processor

Intel® Celeron® processor, or 7th Generation Intel Core™ i3 / i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Controller	Processor Graphics
Cel N3450	4	4	1.1 GHz	2.2 GHz	2MB	DDR3L-1866	Intel HD graphics 500
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		

Graphics

Intel HD Graphics 500, or Intel HD Graphics 620 in processor,
supports external digital monitor via HDMI™;
supports dual independent display;
Max resolution: 1920X1080 (HDMI)@30Hz

Chipset

Intel SoC (System on Chip) platform

Memory

4GB or 8GB / 1600MHz DDR3L or 2133MHz DDR4,
one DDR3L or DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display

11.6" (295mm) HD (1366x768), anti-glare, LED backlight, IPS
250 nits, 16:9 aspect ratio, 800:1 contrast ratio

MultiTouch

Yes, support 10 fingers

Hinge

Yoga hinge, 360 degree

Convertible mode

Laptop, tent, stand and tablet

Pen

Some: Active pen, batteries required

Storage

M.2 Solid State Drive (SSD), SATA 6.0Gb/s

Optical

None

Ethernet

Realtek RTL8111GUS-CG Gigabit Network Connection

WLAN

One of the following, configurable by model:

- 11ac+BT, QCA NFA435, 1x1, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
**Intel 7265ac card supports Bluetooth 4.2 but is limited to BT 4.1 by Windows OS*

WWAN

None

Dimensions

WxDxH: 11.81" x 8.27" x 0.90"; 300mm x 210mm x 22.9mm

Weight

from 3.5 lb (1.59kg)

Case color

Display cover: Graphite Black; *Bottom:* Graphite Black

Case material

Display cover: PC+40%GF+TPU; *Bottom:* PC+ABS

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.1 Gen 1 / USB 3.0, HDMI, Ethernet (RJ-45)

Control buttons

Power button, volume control button

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 /
monaural microphone, combo audio/microphone jack

Keyboard

ThinkPad Windows keyboard, 6-row, multimedia Fn keys

UltraNav™

Two buttons click pad below keyboard, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro

None

Fingerprint reader

None

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life

MobileMark® 2014: 11 hr

AC adapter

45-watt AC adapter

Preload

Some: Windows 10 Home 64
Some: Windows 10 Pro 64

- Lenovo Connect
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded;
  purchase a product key to activate

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 3-year depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Model	Product	Region	Processor	Graphics	Memory	Display	Multi-touch	Color	Storage	Optical	WLAN + Bluetooth	Camera	Pen	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (mm/yy)
20HU0000US	ThinkPad Yoga 11e (4th Gen)	US	i3-7100U	Intel HD 620	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.1	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/17
20HU0001US	ThinkPad Yoga 11e (4th Gen)	US	i3-7100U	Intel HD 620	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	256GB SSD Opal2	None	Intel 7265 ac, 2x2 + BT4.1	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/17
20HU0003US	ThinkPad Yoga 11e (4th Gen)	US	Celeron N3450	Intel HD 500	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.1	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/17
20HU0004US	ThinkPad Yoga 11e (4th Gen)	US	Celeron N3450	Intel HD 500	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.1	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/17

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ThinkPad Yoga 11e (5th Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor

7th Generation Intel® Core™ m / i5 Processor, Intel Celeron® processor, or Intel Pentium® Silver processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Controller	Processor Graphics
m3-7Y30	2	4	1.0 GHz	2.6 GHz	4MB	LPDDR3-1866	Intel HD Graphics 615
i5-7Y54			1.2 GHz	3.2 GHz	4MB		
Cel N4100	4		1.1 GHz	2.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Pen N5000			1.1 GHz	2.7 GHz	4MB		Intel UHD Graphics 605

Graphics

Intel HD Graphics 615, Intel UHD Graphics 600 or 605 in processor,
supports external digital monitor via HDMI or USB Type-C;
supports dual independent display;
Max resolution: 3840x2160@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

4GB or 8GB / 1866MHz LPDDR3 or 2400MHz DDR4 /
soldered to systemboard, no sockets

Display

11.6" (295mm) HD (1366x768), anti-glare, LED backlight, IPS
250 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle

MultiTouch

Capacitive-type multi-touch, support 10 fingers

Hinge

Yoga hinge, 360 degree

Convertible mode

Laptop, tent, stand and tablet

Pen

Some: Active pen, batteries required, on-board garage

Storage

eMMC flash memory on board or
M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s

Optical

None

Ethernet

Realtek RTL8111GUS-CG Gigabit Network Connection

WLAN

One of the following, configurable by model:

- Intel Wireless-AC 9260, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card
- Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

Dimensions

WxDxH: 11.81" x 8.27" x 0.89"; 300mm x 210mm x 22.5mm

Weight

from 3.4 lb (1.54kg)

Case color

Black

Case material

Display cover: PC/ABS+GF; *Bottom:* PC/ABS plastic

Media reader

MicroSD card reader

Ports

Two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1, HDMI1.4,
Ethernet (RJ-45), headphone / microphone combo jack,
microSD card reader, security keyhole

Control buttons

Power button, volume control button

Camera

One of the following, configurable by model:

720p: HD720p resolution, low light sensitive, fixed focus
World facing: Rear camera, 5MP resolution, auto focuss

Audio support

HD Audio, Realtek® ALC3287 codec Dolby Audio / stereo speakers, 2W x 2 /
monaural microphone, headphone / microphone combo jack

Keyboard

6-row, multimedia Fn keys

UltraNav™

Two buttons click pad below keyboard, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro

None

Fingerprint reader

None

Battery

Integrated Li-Ion 42Wh battery

Max battery life

MobileMark® 2014: 12 hr

AC adapter

45W or 65W slim tip AC adapter

Preload

Some: Windows 10 Home 64
Some: Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 3-year depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Lenovo
February 2018

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Color	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Camera (Front/WorldFacing)	Pen	Finger-print Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20LM0004US	US	m3-7Y30	Intel HD 615	4GB Soldered	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	256GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT4.1	Front 720p / None	None	None	42Wh	45W Slim Tip	Win10 Pro 64	1-year, Depot	No	03/18
20LM0005US	US	m3-7Y30	Intel HD 615	4GB Soldered	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	256GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT4.1	Front 720p / None	Active Pen	None	42Wh	45W Slim Tip	Win10 Pro 64	1-year, Depot	No	03/18
20LM000UUS	US	Celeron N4100	Intel UHD 600	4GB Soldered	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT4.1	Front 720p / None	None	None	42Wh	45W Slim Tip	Win10 Pro 64	1-year, Depot	No	02/18
20LM000VUS	US	Celeron N4100	Intel UHD 600	4GB Soldered	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	128GB eMMC	None	Intel 9260 ac, 2x2 + BT4.1	Front 720p / None	None	None	42Wh	45W Slim Tip	Win10 Pro 64	1-year, Depot	No	02/18
20LM000WUS	US	Celeron N4100	Intel UHD 600	4GB Soldered	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT4.1	Front 720p / None	Active Pen	None	42Wh	45W Slim Tip	Win10 Pro 64	1-year, Depot	No	02/18
20LM000XUS	US	Celeron N4100	Intel UHD 600	4GB Soldered	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	128GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT4.1	720p / 5.0MP	Active Pen	None	42Wh	45W Slim Tip	Win10 Pro 64	1-year, Depot	No	02/18
20LM000YUS	US	Pentium N5000	Intel UHD 605	8GB Soldered	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	256GB SSD M.2 PCIe NVMe	None	Intel 9260 ac, 2x2 + BT4.1	Front 720p / None	None	None	42Wh	45W Slim Tip	Win10 Pro 64	1-year, Depot	No	03/18

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ThinkPad Yoga 11e Chromebook (3rd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron® processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics
Cel N3150	4	4	1.6 GHz	2.08 GHz	2MB	LPDDR3-1600	Intel HD graphics
Cel N3160	4	4	1.6 GHz	2.24 GHz	2MB	LPDDR3-1600	Intel HD graphics

Graphics

Intel HD Graphics in processor,
supports external digital monitor via HDMI™;
supports dual independent display;
Max resolution: 1920X1080 (HDMI)@30Hz

Chipset

Intel SoC (System on Chip) platform

Memory

2GB or 4GB / 1600MHz LPDDR3 / soldered to systemboard, no sockets

Display

11.6" (295mm) HD (1366x768), glare, LED backlight, IPS
200 nits, 16:9 aspect ratio, 800:1 contrast ratio

MultiTouch

Yes, support 10 fingers

Hinge

Yoga hinge, 360 degree

Convertible mode

Laptop, tent, stand and tablet

Pen

None

Storage

16GB eMMC (embedded Multi Media Card) flash memory on board

Optical

None

Ethernet

None

WLAN[4]

11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

Dimensions[3]

WxDxH: 11.81" x 8.27" x 0.88"; 300mm x 210mm x 22.3mm

Weight[2]

from 3.3 lb (1.50kg)

Case color

Display cover: Graphite Black or Silver; *Bottom:* Graphite Black

Case material

Display cover: PC+40%GF+TPU; *Bottom:* PCC

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0 (one Always On), HDMI

Control buttons

Power button, volume control button

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

Realtek® ALC5650 codec / stereo speakers, 2W x 2 /
monaural digital microphone, combo audio/microphone jack

Keyboard

ThinkPad Chrome keyboard, 6-row, multimedia Fn keys

UltraNav™

Buttonless touchpad below keyboard, multi-touch

Security

Security keyhole

Security chip

Trusted Platform Module, TCG 1.2-compliant

vPro

None

Fingerprint reader

None

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life[10]

Up to 12 hr

AC adapter

45-watt AC adapter

Preload

Google Chrome OS

Limited warranty[12]

1-year depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Lenovo
July 2017

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Pen	Finger-print Reader	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20GE0002US	US	Celeron N3150	Intel HD	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	No	03/16
20GE0003US	US	Celeron N3160	Intel HD	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	No	10/16

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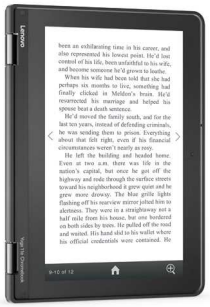

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ThinkPad Yoga 11e Chromebook (4th Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor — Intel® Celeron® processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Controller	Processor Graphics
Cel N3450	4	4	1.1 GHz	2.2 GHz	2MB	LPDDR4-2400	Intel HD graphics 500

Graphics — Intel HD Graphics 500 in processor

Chipset — Intel SoC (System on Chip) platform

Memory — 4GB or 8GB 3200MHz LPDDR4 / soldered to systemboard, no sockets
* System clocks down for processors with lower memory controller

Display — 11.6" (295mm) HD (1366x768), anti-glare, LED backlight, IPS
250 nits, 16:9 aspect ratio, 800:1 contrast ratio

MultiTouch — Yes, support 10 fingers

Hinge — Yoga hinge, 360 degree

Convertible mode — Laptop, tent, stand and tablet

Pen — None

Storage — 32GB eMMC (embedded Multi Media Card) flash memory on board

Optical — None

Ethernet — None

WLAN — 11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™ — Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN — None

Dimensions — *WxDxH:* 11.81" x 8.27" x 0.92"; 300mm x 210mm x 23.4mm

Weight — from 3.5 lb (1.59kg)

Case color — *Display cover:* Graphite Black; *Bottom:* Graphite Black

Case material — *Display cover:* PC+40%GF+TPU; *Bottom:* PC+ABS

Media reader — 3-in-1 reader (SD, SDHC, SDXC)

Ports — Two USB 3.1 Type-C Gen 1, one USB 3.1 Gen 1 / USB 3.0

Control buttons — Power button, volume control button

Camera — HD720p resolution, low light sensitive, fixed focus

Audio support — HD Audio, DA7219 codec / stereo speakers, 2W x 2 / monaural microphone, combo audio/microphone jack

Keyboard — ThinkPad Chrome keyboard, 6-row, multimedia Fn keys

UltraNav™ — Two buttons click pad below keyboard, multi-touch

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — None

vPro — None

Fingerprint reader — None

Battery — Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life — Up to 10 hr

AC adapter — 45-watt USB Type-C adapter

Preload — Google Chrome OS

Limited warranty — • 1-year depot repair service

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

Lenovo
July 2017

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Color	Storage	Optical	WLAN + Bluetooth	Camera	Pen	Finger-print Reader	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20HY0000US	US	Celeron N3450	Intel HD 500	4GB Soldered	11.6" HD (1366x768) IPS	10-point Multi-touch	Black	32GB eMMC	None	Intel 7265 ac, 2x2 + BT4.2	720p	None	None	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	No	04/17

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ThinkPad Yoga 370 Platform Specifications

Processor

7th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics
Intel HD Graphics 620 in processor only;
supports external digital monitor via HDMI;
supports dual independent display;
Max resolution: 4096x2160 (HDMI)@24Hz

Chipset
Intel SoC (System on Chip) platform

Memory
WWAN model: 8GB 2133MHz DDR4 soldered to systemboard
Non-WWAN model: 16GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket

Display
13.3" (337.8mm) FHD (1920x1080), glossy, LED backlight, IPS
300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch
Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture

Hinge
Yoga hinge, 360 degree

Convert-mode
Laptop, tent, stand, yoga and tablet

Pen
ThinkPad Pen Pro, active pen for multi-touch display, on-board charging

Storage
Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical
None

Ethernet
Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))
via optional ThinkPad Ethernet Extension Cable

WLAN
One of the following, configurable by model (WiGig is mutually exclusive with WWAN):
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

** WiGig adapter is only available in selected countries**

Bluetooth™
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*
Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)
WWAN models are only available with i5, i7 processores, WWAN models is not available in North America

SIM card *(opt)*
Micro-SIM card slot, optional Lenovo Connect (EMEA) SIM card

Dimensions
WxDxH: 12.34" x 8.75" x 0.72"; 313.5mm x 222.2mm x 18.2mm

Weight
Starting at 3.03 lb (1.37kg)

Case color
Black or silver

Case Materal
Carbon-Fiber Hybrid

Smart card reader
Optional: Smart card reader (mutually exclusive with NFC)

Media reader
One microSD card slot (microSD, microSDHC, microSDXC), UHS-I

Ports
Two USB 3.1 Gen 1 (USB 3.0, one Always On),
USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet extension connector

WiGig dock
Optional: ThinkPad WiGig dock

Monitor cable *(optional)*
USB-C to VGA: Lenovo USB C to VGA Plus Power Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter
HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter

Camera
HD720p resolution, fixed focus

Audio support
HD Audio, Conexant® CX11771 codec, Dolby® DAXII / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

Keyboard
6-row, spill-resistant, multimedia Fn keys, LED backlight

UltraNav™
TrackPoint® pointing device and 3+2 buttons Mylar surface multi-touch click pad

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Discrete TPM 2.0 TCG Certified

vPro *(optional)*
Intel vPro Technology

Fingerprint reader
Optional: Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)*
Near Field Communication (mutually exclusive with smart card reader)

Battery
Li-Polymer 4-cell *(51Wh)* battery

Max battery life
MobileMark® 2014: 12.5 hr

AC adapter
45W or 65W AC adapter (slim tip), 65W USB Type-C AC adapter

Light sensor
Ambient Light Sensor

G-sensor/ eCompass
3D accelerometer and 3D magnetometer
3D compass

Gyroscope
3D gyrometer

Preload
Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Connect
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test
MIL-STD-810G military certification

Environment
EPEAT™ Gold (US only); ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Case Material	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Adapter	Color	Pen	Fingerprint Reader	NFC	TPM	Power Adapter	Operating System	Warranty	Global	End of Support	Ann Date (mm/yy)
20JH001VUS	US	i5-7300U	vPro	Intel HD 620	16GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH001WUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH001XUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH001YUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0020US	US	i7-7500U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0021US	US	i7-7500U	No	Intel HD 620	16GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0022US	US	i7-7600U	vPro	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0023US	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	Carbon	128GB SSD M.2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0024US	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0025US	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	Carbon	128GB SSD M.2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0026US	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0027US	US	i7-7500U	No	Intel HD 620	16GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0028US	US	i7-7500U	No	Intel HD 620	16GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH0029US	US	i7-7600U	vPro	Intel HD 620	16GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH002AUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH002BUS	US	i5-7300U	vPro	Intel HD 620	16GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH002CUS	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH002DUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH002FUS	US	i7-7500U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	256GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH002GUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17

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Model	Region	Processor	vPro	Graphics	Memory	Display	Case Material	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Adapter	Color	Pen	Fingerprint Reader	NFC	TPM	Power Adapter	Operating System	Warranty	Global	End of Support	Ann Date (mm/yy)
20JH002JUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	512GB SSD M.2 PCIe NVMe Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	1-year, Depot	No	Apr 14, 2023	03/17
20JH002WUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	180GB SSD M.2 Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Black	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	3-year, Depot	No	Mar 14, 2022	03/17
20JH002XUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	Carbon	180GB SSD M.2 Opal2	Intel 8265 ac, 2x2 + BT4.1	None	None	None	None	None	None	Silver	Pen Pro	Fingerprint Reader	None	dTPM 2.0	45W	Win10 Pro 64	3-year, Depot	No	Mar 14, 2022	03/17

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Carry-in or Mail-in Service: Parts and labor repair coverage where the customer is responsible for shipping (including packaging) or delivery to authorized warranty provider or repair center.
Depot or Courier Service: Parts and labor repair coverage where shipping (including packaging) or delivery to the repair center is paid for by Lenovo.
Expedited Depot: Parts and labor coverage with expedited turnaround. Shipping (including packaging) or delivery to the repair center is paid for by Lenovo.
Onsite / In-home Service: Parts and labor repair coverage where labor is provided onsite at your place of business.
If Lenovo determines your product problem is covered by the product warranty and cannot be resolved over the telephone, a technician will be dispatched to arrive onsite, typically the next day.
International Warranty Service (IWS): PC repair coverage for customers who require a critical warranty repair while travelling internationally. Visit www.lenovo.com/internationalwarranty for details.
Visit www.lenovo.com/warranty for Lenovo Warranty Services terms and conditions for complete details and restrictions.

Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

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Lenovo ThinkCentre

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Product Specifications Reference

Version 528, August 2018

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Summary of Changes

This section describes the technical changes made in this edition.
This edition might also include minor corrections and editorial changes which are not identified.

August 2018 - Version 528

Additions in this update

►**New product(s)**
ThinkCentre M920z AIO announced July 2018
ThinkCentre M820z AIO announced July 2018
ThinkCentre M715 Tiny (2nd Gen) announced July 2018
ThinkCentre M725 SFF announced July 2018

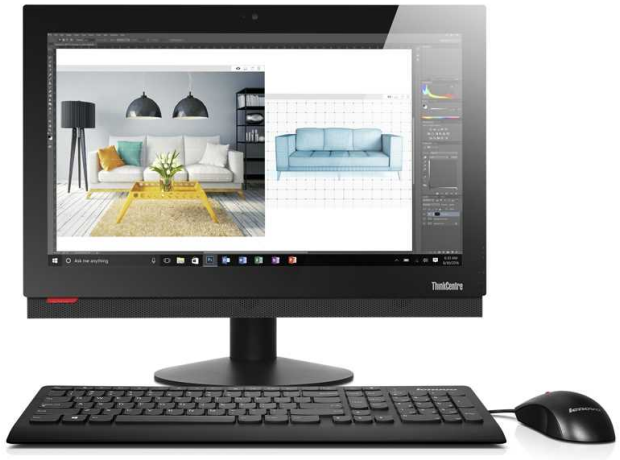
►**New model(s)**
ThinkCentre M920 Tiny announced July 2018
ThinkCentre M920x Tiny announced July 2018
ThinkCentre M720 SFF announced July 2018
ThinkCentre M720 Tower announced July 2018
ThinkCentre M920 SFF announced July 2018
ThinkCentre M920 Tower announced July 2018

►**Others**
None

Withdrawals in this update

►**Withdrawn product(s)**
None

►**Withdrawn model(s)**
None



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ThinkCentre M810z Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th / 7th Gen Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
Pentium G4560	2 / 4	3.5G	3 MB	DDR4-2400	HD 610
Pentium G4600	2 / 4	3.6G	3 MB	DDR4-2400	HD 630
Core i3-6100	2 / 4	3.7G	3 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i3-7100	2 / 4	3.9G	3 MB	DDR4-2400	HD 630
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, dual-channel capable
* System clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.5mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.5mm)

Media reader

Optional 9-in-1 media card reader

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz, 1920x1080 (Panel)@60Hz

Display

21.5" (546.1mm) **Full HD 1080p (1920x1080) TFT color**, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, support Low Blue Light Mode

Multi-touch

Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch

Camera

Optional 1080p camera, fixed focus, with dual microphone, LED indicator, physical switch on/offf

Controls

Physical buttons for Microphone mute, brightness up/down, and power on/off

Chipset

Intel B250 Chipset

Rear ports

Four USB 3.1 Gen1, ethernet (RJ-45), DisplayPort, optional serial (9-pin),

Side ports

Two USB 3.1 Gen1 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)

M.2 card slot

Two M.2 Card slots (one for WLAN, one for SSD/Optane)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal speakers (2W x 2), Dolby® Audio™ certified

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111G, Wake on LAN®

Manageability

None

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Optional cable lock to physically lock keyboard and mouse
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color
- Toolless stand
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	21.1 X 1.8 X 14.3 (inch); 535 X 45 X 363 (mm)	(Touch) 14.6 / 6.6 (Non-touch) 12.8 / 5.8	N/A
With Basic Monitor stand:	21.1 X 9.6 X 17.0 (inch); 535 X 245 X 431 (mm)	(Non-touch) 17.0 / 7.7	Tilt: 45° back, -5° forward
With UltraFlex II stand:	21.1X 10.0 X 19.3 (inch); 535 X 253 X 489 (mm)	(Touch) 20.3 / 9.2 (Non-touch) 18.3 / 8.3	Tilt: 61° back, -5° forward; Lift: 110mm; Swivel: +/-45°

Power supply

150 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year or 3-year, depot repair service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate

- Only for Window 10
- Lenovo Companion

- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- ThinkVantage System Update
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

EPEAT™ Gold rating (North America); ENERGY STAR® 6.1; TCO AIO Computer Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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Model	Region	Processor	Graphics	Monitor Cable	Memory	Display	Multi-touch	Power Supply	Storage(HDD/SSD)	Optical	Media Reader	USB Type-C	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Stand	Operating System	Warranty	End of Support	Ann Date (m/y)
10NX0000US	US	i5-7400	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	256GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX0001US	US	i5-7500	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	256GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX0002US	US	i5-7400	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX0003US	US	i7-7700	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	512GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX0005US	US	i7-7700	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX0006US	US	i5-7400	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX0007US	US	i5-7500	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX0008US	US	i7-7700	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	256GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX0009US	US	i5-7500	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	512GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NX000MUS	US	i5-7400	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NX000NUS	US	i5-7500	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NX000PUS	US	Pentium G4560	Intel HD 610	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NX000QUS	US	i3-7100	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NX000RUS	US	i3-7100	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17

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Model	Region	Processor	Graphics	Monitor Cable	Memory	Display	Multi-touch	Power Supply	Storage(HDD/SSD)	Optical	Media Reader	USB Type-C	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Stand	Operating System	Warranty	End of Support	Ann Date (m/y)
10NY0002US	US	i5-7500	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	512GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY0003US	US	i7-7700	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	512GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY0004US	US	i5-7500	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY0005US	US	i7-7700	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY0006US	US	i5-7400	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY0007US	US	i5-7500	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY0008US	US	i5-7400	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY0009US	US	i5-7400	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY000BUS	US	i7-7700	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY000CUS	US	i5-7500	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Apr 7, 2023	03/17
10NY000QUS	US	Pentium G4400	Intel HD 510	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY000RUS	US	i5-6500	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY000SUS	US	i5-7400	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NY000TUS	US	i5-6500	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY000UUS	US	i7-6700	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	512GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY000VUS	US	i7-6700	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY000WUS	US	i7-6700	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY000XUS	US	i5-6500	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY000YUS	US	i3-6100	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY0010US	US	i3-6100	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17

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Model	Region	Processor	Graphics	Monitor Cable	Memory	Display	Multi-touch	Power Supply	Storage(HDD/SSD)	Optical	Media Reader	USB Type-C	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Stand	Operating System	Warranty	End of Support	Ann Date (m/y)
10NY0011US	US	i5-7500	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NY0012US	US	i5-6500	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NY0013US	US	Pentium G4560	Intel HD 610	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NY0014US	US	i3-7100	Intel HD 630	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NY0015US	US	i3-7100	Intel HD 630	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2 + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17

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ThinkCentre M820z Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630

Memory

32GB max, DDR4-2666*, two 260-pin SO-DIMM sockets, dual-channel capable
* System clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Media reader

Optional 3-in-1 media card reader

Graphics

Intel HD Graphics 610/630 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz, 1920x1080 (Panel)@60Hz

Display

21.5" (546.1mm) **Full HD 1080p (1920x1080) TFT color**, Borderless design, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, support Low Blue Light Mode

Multi-touch

Optional multi-touch, supports 10-point, AIT (Advanced In-cell Touch) technology

Camera

Optional 1080p camera, with dual microphone, LED indicator, physical switch on/off, supports multi-degree rotation (horizontal 0° to 180°, vertical -25° to 25°)

Controls

Physical buttons on side for microphone mute and power on/off

Chipset

Intel B360 Chipset

Rear ports

Four USB 3.1 Gen1 (one supports Smart Power On), one ethernet (RJ-45), one DisplayPort, one optional serial (9-pin),

Side ports

one USB 3.1 Gen2 (one is Always On and fast charge), one USB 3.1 Type-C Gen 1, one optional card reader, one headphone / microphone combo jack (3.5mm)

M.2 card slot

Two M.2 Card slots (one for WLAN, one for SSD/Optane)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal speakers (2W x 2), Dolby® Audio™ Premium

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111G, Wake on LAN®

Manageability

None

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color
- Toolless back cover, stand, memory removal
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	19.3 X 1.9 X 13.5 (inch) 491 X 49 X 342 (mm)	(Touch) 11.6 / 5.25 (Non-touch) 11.1 / 5.05	N/A
With Full Function Monitor stand:	19.3 X 9.9 X 20.0 (inch) 491 X 252 X 507 (mm)	(Non-touch) 15.8 / 7.18	Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°
With UltraFlex III stand:	19.3 X 9.9 X 17.2 (inch) 491 X 252 X 438 (mm)	(Touch) 17.3 / 7.85 (Non-touch) 16.9 / 7.65	Tilt: 70° back, -5° forward; Lift: 136mm; Swivel: +/-45°

Power supply

150 watts, autosensing, 90% PSU

Limited warranty[3]

Some: **1-year or 3-year, depot repair service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 7.0*, EPEAT™ Gold rating* (*not for non-OS models), ErP Lot 3, TCO AIO Computer certified, GREENGUARD® certified, TUV Eye comfort certified (for Full Function Monitor Stand only), TUV Low Blue Light certified, TUV Ultra Low Noise certified (on some models), RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus)

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Display	Multi-touch	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Camera	Speaker	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	End of Support	Ann Date (m/y)
10SC000QUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC000RUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC000SUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC000TUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC000UUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC000VUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC000WUS	US	i3-8100	No	Intel UHD 630	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC000XUS	US	i3-8100	No	Intel UHD 630	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC000YUS	US	i3-8100	No	Intel UHD 630	None	4GBx1	1TB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0010US	US	Pentium Gold G5400	No	Intel UHD 610	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0011US	US	i7-8700	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0012US	US	i5-8400	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0013US	US	i5-8400	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0014US	US	i7-8700	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0015US	US	i3-8100	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0016US	US	i3-8100	No	Intel UHD 630	None	4GBx1	1TB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0017US	US	i5-8400	No	Intel UHD 630	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0018US	US	Pentium Gold G5400	No	Intel UHD 610	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC0019US	US	i5-8400	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC001AUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Display	Multi-touch	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Camera	Speaker	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	End of Support	Ann Date (m/y)
10SC001BUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC001CUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC001DUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC001EUS	US	i5-8400	No	Intel UHD 630	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	None	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10SC001FUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	8265 ac, 2x2 + BT4.2	None	None	1080p	2Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18

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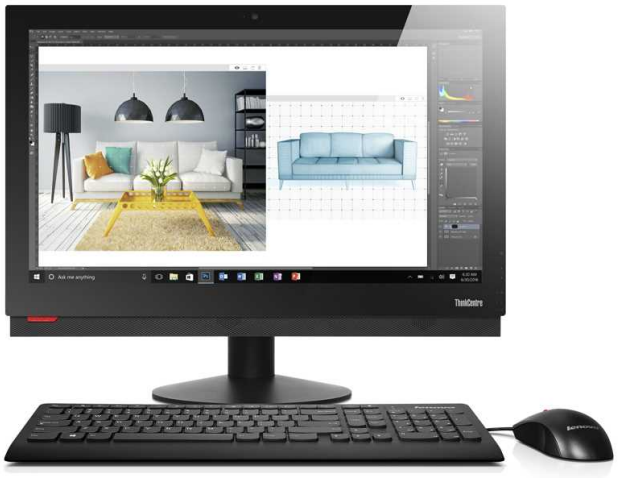

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ThinkCentre M910z Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th / 7th Gen Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Core i3-6100	2 / 4	3.7G	3 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i3-7100	2 / 4	3.9G	3 MB	DDR4-2400	HD 630
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, dual-channel capable
* System clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.5mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.5mm)

Media reader

Optional 9-in-1 media card reader

Graphics

Intel HD Graphics 530/630 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz, 1920x1080 (Panel)@60Hz

Display

23.8" (604.5mm) **Full HD 1080p (1920x1080) TFT color**, WVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, support Low Blue Light Mode, work as standalone monitor via DisplayPort (DP in / out combo)

Multi-touch

Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch

Camera

Optional 1080p camera, fixed focus, with dual microphone, LED indicator, physical switch on/offf

Controls

Physical buttons for Microphone mute, monitor mode switch, brightness up/down, and power on/off

Chipset

Intel Q270 Chipset

Rear ports

Four USB 3.1 Gen1, ethernet (RJ-45), DisplayPort in/out combo port, optional serial (9-pin)

Side ports

Two USB 3.1 Gen1 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm), optional USB 3.1 Type-C Gen1

M.2 card slot

Two M.2 Card slots (one for WLAN, one for SSD/Optane)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal speakers (3W x 2), Dolby® Audio™ certified

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Optional cable lock to physically lock keyboard and mouse
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color
- Toolless back cover, stand, disk, memory removal
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	23.0 X 1.8 X 15.4 (inch); 584 X 45 X 390 (mm)	(Touch) 17.2 / 7.8 (Non-touch) 15.0 / 6.8	N/A
With Basic Monitor stand:	23.0 X 9.6 X 18.0 (inch); 584 X 245 X 458 (mm)	(Non-touch) 19.4 / 8.8	Tilt: 45° back, -5° forward
With UltraFlex II stand:	23.0X 10.0 X 19.9 (inch); 584 X 253 X 505 (mm)	(Touch) 22.7 / 10.3 (Non-touch) 20.7 / 9.4	Tilt: 61° back, -5° forward; Lift: 110mm; Swivel: +/-45°

Power supply

150 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year or 3-year, depot repair service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate

- Only for Window 10
- Lenovo Companion

- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- ThinkVantage System Update
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

EPEAT™ Gold rating (North America); ENERGY STAR® 6.1; TCO AIO Computer Certified; ULE Gold; ErP Lot 3; GREENGUARD® certified; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Power Supply	Storage(HDD/SSD)	Optical	Media Reader	USB Type-C	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Stand	Operating System	Warranty	End of Support	Ann Date (m/y)
10NR000HUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NR000KUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NR000LUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NR000MUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NR000PUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NR000QUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NR000RUS	US	i5-7500	vPro	Intel HD 630	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NR0017US	US	i5-7500	vPro	Intel HD 630	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NR0018US	US	i7-7700	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Power Supply	Storage(HDD/SSD)	Optical	Media Reader	USB Type-C	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Stand	Operating System	Warranty	End of Support	Ann Date (m/y)
10NS0001US	US	i5-7500	vPro	Intel HD 630	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NS0003US	US	i5-7500	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NS0004US	US	i7-7700	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NS0006US	US	i7-7700	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NS0007US	US	i5-7500	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NS0008US	US	i5-7500	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NS000AUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	Mar 28, 2023	02/17
10NS000UUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS000VUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS000WUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS000XUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS000YUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS0010US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	500GB 7200rpm 2.5"	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS0011US	US	i5-7500	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NS0012US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS0013US	US	i7-7700	vPro	Intel HD 630	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NS0014US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS0015US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17
10NS0016US	US	i5-7500	vPro	Intel HD 630	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 Pro 64	3-year, Onsite	May 7, 2023	04/17
10NS0017US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	150W 85% Adapter	128GB SSD M.2 PCIe NVMe	DVD±RW	9-in-1	None	8265 ac, 2x2, vPro + BT4.1	None	1080p	None	None	USB / USB	UltraFlex II Stand	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 29, 2023	03/17

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ThinkCentre M920z Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630

Memory

32GB max, DDR4-2666*, two 260-pin SO-DIMM sockets, dual-channel capable
* System clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm, supports up to two HDDs, the 2nd HDD occupies ODD bay
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s

Optical

Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2
Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Media reader

Optional 3-in-1 media card reader

Graphics

Intel HD Graphics 610/630 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz, 1920x1080 (Panel)@60Hz

Display

23.8" (604.5mm) **Full HD 1080p (1920x1080) TFT color**, Borderless design, WVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, support Low Blue Light Mode, work as standalone monitor via DisplayPort (DP in / out combo)

Multi-touch

Optional multi-touch, supports 10-point, AIT (Advanced In-cell Touch) technology

Camera

Some: 1080p camera, with dual microphone, LED indicator, physical switch on/off, supports multi-degree rotation (horizontal 0° to 180°, vertical -25° to 25°)
Some: RGBIR camera, 1080p, with dual microphone, physical switch on/off, supports multi-degree rotation (horizontal 0° to 180°, vertical -25° to 25°) Windows Hello support, only available via special bid models

Controls

Physical buttons on side for microphone mute and power on/off

Chipset

Intel Q370 Chipset

Rear ports

Four USB 3.1 Gen1 (one supports Smart Power On), one ethernet (RJ-45), one DisplayPort in/out combo port, one optional serial (9-pin)

Side ports

one USB 3.1 Gen2 (one is Always On and fast charge), one USB 3.1 Gen1, one USB 3.1 Type-C Gen 1, one optional card reader, one headphone / microphone combo jack (3.5mm)

M.2 card slot

Two M.2 Card slots (one for WLAN, one for SSD/Optane)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal speakers (3W x 2), Dolby® Audio™ Premium

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Manageability

Intel Active Management Technology 12.0 (Intel AMT 12.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color
- Toolless back cover, stand, disk, memory removal
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	21.3 X 1.8 X 13.7 (inch) 542 X 46 X 349 (mm)	(Touch) 14.0 / 6.34 (Non-touch) 13.5 / 6.13	N/A
With Full Function Monitor stand:	21.3 X 9.9 X 15.9 (inch) 542 X 252 X 405 (mm)	(Non-touch) 18.2 / 8.26	Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°
With UltraFlex III stand:	21.3 X 9.9 X 17.5 (inch) 542 X 252 X 444 (mm)	(Touch) 19.7 / 8.94 (Non-touch) 19.2 / 8.73	Tilt: 70° back, -5° forward; Lift: 136mm; Swivel: +/-45°

Power supply

150 watts, autosensing, 90% PSU

Limited warranty[3]

Some: **1-year or 3-year, depot repair service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 7.0*, EPEAT™ Gold rating* (*not for non-OS models), ErP Lot 3, TCO AIO Computer certified, GREENGUARD® certified, TUV Eye comfort certified, TUV Low Blue Light certified, TUV Ultra Low Noise certified (on some models), RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus)

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Display	Multi-touch	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Camera	Speaker	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	End of Support	Ann Date (m/y)
10S60019US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	23.8" FHD (1920x1080) WVA AG	None	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60021US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60022US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	23.8" FHD (1920x1080) WVA AG	None	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60023US	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60024US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60025US	US	i5-8500	vPro	Intel UHD 630	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	23.8" FHD (1920x1080) WVA AG	None	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60026US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60027US	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60028US	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	500GB 7200rpm 2.5"	DVD±RW	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S60029US	US	i5-8500	vPro	Intel UHD 630	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S6002AUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	23.8" FHD (1920x1080) WVA AG	None	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S6002BUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	DVD±RW	23.8" FHD (1920x1080) WVA AG	None	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18
10S6002CUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	23.8" FHD (1920x1080) WVA AG	None	3-in-1	9560 ac, 2x2 + BT5.0	None	None	1080p	3Wx2	UltraFlex III Stand	USB / USB	150W 90%	None	Win10 Pro 64	3-year, Onsite	Aug 24, 2024	07/18

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ThinkCentre M600 Tiny Platform Specifications

Processor

Intel® Celeron® Processor N3000 Series or Intel Pentium® Processor N3000 Series

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Celeron N3050	2 / 2	1.6 / 2.16 GHz	2MB	DDR3L-1600	Intel HD
Celeron J3060	2 / 2	1.6 / 2.48 GHz	2MB	DDR3L-1600	Intel HD 400
Pentium N3700	4 / 4	1.6 / 2.4 GHz	2MB	DDR3L-1600	Intel HD
Pentium J3710	4 / 4	1.6 / 2.64 GHz	2MB	DDR3L-1600	Intel HD 405

Chipset

Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution

Graphics

Intel HD Graphics in processor, uses main memory, DirectX® 11.1, twoDisplayPort™, one optional 3rd DP (not support DP to HDMI dongle) or VGA, supports triple independent display;
Maximum resolution: 3840x2160(DP)@30Hz; 1920x1200(optional VGA)@60Hz; 1920x1080(DP to VGA dongle)@60Hz; 1920x1080(DP to DVI dongle)@60Hz; 3840x2160(DP to HDMI dongle)@30Hz

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Memory

8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket

Storage

Some: hard disk, 5400 or 7200 rpm, SATA 6.0Gb/s, 2.5" Wide
Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: external ODD box with DVD-ROM, 9.5mm high, via USB
Some: external ODD box with DVD±RW, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB

Onboard SATA

SATA 6.0Gb/s controller, one connectors on planar

Media reader

None

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

Two USB 2.0, two USB 3.0 (optional external optical box or I/O box occupies one or two specific USB on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, or serial on some models), one headphone

I/O box

Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M600 Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Tiny (1L), black color, metal case

	Dimensions (WxDxH)	Max weight (lb / kg)
M600 Tiny only (1L)	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.9 lb (1.3 kg)
M600 Tiny (1L) with VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	4.12 lb (1.87 kg)
M600 Tiny (1L) with VESA mount & I/O box	7.42" X 7.30" X 2.62" 188.4mm X 185.38mm X 66.6mm	3.53 lb (1.6 kg)

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available
Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion (Win10)
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*not for non-OS models); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10G9000NUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	10/15
10G9000WUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	04/16
10G9000XUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	05/16
10G9000YUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	05/16
10G90010US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	05/16
10G90011US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	05/16
10G90012US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	05/16
10G90013US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	05/16
10G90014US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	05/16
10G90015US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	05/16
10G90016US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	05/16
10G9001CUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	07/16
10G9001DUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	07/16
10G9001EUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	07/16
10G9001FUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	07/16
10G9001GUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	07/16
10G9001HUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	07/16
10G9001QUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001RUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001SUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	09/16

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10G9001TUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001UUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001VUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001WUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	1-year, Onsite	09/16

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GB000JUS	US	1L	Celeron N3050	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/15
10GB000KUS	US	1L	Celeron N3050	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10GB000LUS	US	1L	Celeron N3050	No	Intel HD	None	4GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10GB000MUS	US	1L	Celeron N3050	No	Intel HD	None	4GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/15

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10G8000QUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	QCA6174 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite, OID	10/15
10G8000RUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	QCA6174 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite, OID	10/15
10G8000SUS	US	1L	Pentium N3700	No	Intel HD	None	2GBx1	500GB 7200rpm 2.5"	None	QCA9377 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite, OID	10/15
10G8000TUS	US	1L	Pentium N3700	No	Intel HD	None	2GBx1	500GB 7200rpm 2.5"	None	QCA9377 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	None	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite, OID	10/15

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GA000JUS	US	1L	Celeron N3050	No	Intel HD	None	2GBx1	500GB 7200rpm 2.5"	None	None	None	Switch	None	1Wx1	None	None	USB / USB	None	None	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite, OID	10/15
10GA000KUS	US	1L	Celeron N3050	No	Intel HD	None	2GBx1	500GB 7200rpm 2.5"	DVD±RW	None	None	Switch	None	1Wx1	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite, OID	10/15

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GC0001US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW (TIO)	QCA6174 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	None	None	Win10 Pro 64	3-year, Onsite, OID	10/15
10GC0002US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	QCA6174 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	None	None	Win10 DG Win7 Pro 64	3-year, Onsite, OID	10/15

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GE0001US	US	1L	Celeron N3050	No	Intel HD	None	2GBx1	500GB 7200rpm 2.5"	None	QCA9377 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	None	None	Win10 DG Win7 Pro 64	3-year, Onsite, OID	10/15

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ThinkCentre M600 Tiny Thin Client Platform Specifications

Processor

Intel® Celeron® Processor N3000 Series or Intel Pentium® Processor N3000 Series

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Celeron N3000	2 / 2	1.04 / 2.08 GHz	2MB	DDR3L-1600	Intel HD
Celeron N3010	2 / 2	1.04 / 2.24 GHz	2MB	DDR3L-1600	Intel HD 400

Chipset

Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution

Graphics

Intel HD Graphics in processor, uses main memory, DirectX® 11.1, twoDisplayPort™, one optional 3rd DP (not support DP to HDMI dongle) or VGA, supports triple independent display;
Maximum resolution: 3840x2160(DP)@30Hz; 1920x1200(optional VGA)@60Hz; 1920x1080(DP to VGA dongle)@60Hz; 1920x1080(DP to DVI dongle)@60Hz; 3840x2160(DP to HDMI dongle)@30Hz

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Memory

8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket

Storage

16GB, 32GB, or 128GB M.2 Solid State Drive (SSD), SATA interface

Optical

None

Onboard SATA

SATA 6.0Gb/s controller, one connectors on planar

Media reader

None

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

Two USB 2.0, two USB 3.0, ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, or serial on some models), one headphone; additional four serial (9-pin), one parallel (25-pin), and two PS/2 ports on 2L models

I/O box

None

Audio support

High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 (only for 1L models)

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: PS/2 Keyboard (PS/2 connector), Lenovo logo (for 2L models)
Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: PS/2 Optical Wheel Mouse, black, Lenovo logo (for 2L models)
Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Tiny (1L or 2L), black color, metal case

	Dimensions (WxDxH)	Max weight (lb / kg)
M600 Tiny only (1L)	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.9 lb (1.3 kg)
M600 Tiny only (2L)	7.05" X 7.20" X 3.15" 179mm X 182.9mm X 80mm	4.2 lb (1.9 kg)

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available
Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Some: Windows Embedded Standard 7 (WES 7)
Some: Windows Embedded Standard 7 V2 (WES 7 V2)
Some: Windows 10 IoT Enterprise
Some: LeTOS (Lenovo Terminal Operating System, Linux-based)
Some: LeTOS V2 (Lenovo Terminal Operating System, Linux-based)

Environment

ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*not for non-OS models); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10KH0001US	US	1L	Celeron N3000	No	Intel HD	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7	1-year, Onsite	01/16
10KH0003US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7	1-year, Onsite	01/16
10KH0007US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7	1-year, Onsite	01/16
10KH0008US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7	1-year, Onsite	01/16
10KH000BUS	US	1L	Celeron N3000	No	Intel HD	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS	1-year, Onsite	01/16
10KH000CUS	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS	1-year, Onsite	01/16
10KH000FUS	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS	1-year, Onsite	01/16
10KH0023US	US	1L	Celeron N3010	No	Intel HD 400	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS	1-year, Onsite	07/16
10KH0024US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS	1-year, Onsite	07/16
10KH0025US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7	1-year, Onsite	07/16
10KH0026US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7	1-year, Onsite	07/16
10KH0027US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS	1-year, Onsite	07/16
10KH0028US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7	1-year, Onsite	07/16
10KH0029US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7	1-year, Onsite	07/16
10KH002VUS	US	1L	Celeron N3010	No	Intel HD 400	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	01/17
10KH002WUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	01/17
10KH002XUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	01/17
10KH002YUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	01/17
10KH0030US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	01/17
10KH0031US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	01/17
10KH0032US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	01/17
10KH0033US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	01/17
10KH0034US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	01/17
10KH003MUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	None	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	03/17
10KH003PUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	04/17
10KH003QUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	04/17
10KH003RUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	04/17
10KH003SUS	US	1L	Celeron N3010	No	Intel HD 400	None	8GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	04/17

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10KH0047US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	05/17
10KH0048US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	05/17
10KH0049US	US	1L	Celeron N3010	No	Intel HD 400	None	2GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	05/17
10KH004AUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	05/17
10KH004BUS	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	32GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	05/17

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ThinkCentre M625 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor

AMD A9 series APU

APU	Cores	Frequency Base/Max	L2 Cache	Memory Types	Integrated Graphics
A9-9420e	2	1.8 / 2.7 GHz	1 MB	DDR4-1866	Radeon R5 Series

Memory

8GB max, DDR4-1866, one 260-pin SO-DIMM socket

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: 128GB M.2 Solid State Drive (SSD) / PCIe NVMe interface
Some: 256GB M.2 Solid State Drive (SSD) / PCIe NVMe interface

Optical

None

Onboard SATA

one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

AMD Radeon™ Graphics in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional port (VGA or USB 2.0 Type-C with DisplayPort Alternate Mode), supports up to 2 independent displays;
Max resolution: 3840x2160 (DP)@60Hz; 2048x1280 (VGA)@60Hz; 3840x2160 (USB 2.0 Type-C)@60Hz

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

AMD SoC platform

Front ports

Two USB 3.1 Gen1 (one is Always On and fast charge), one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports

One USB 3.1 Gen1, three USB 2.0, ethernet (RJ-45), two DisplayPort, two optional ports (Port 1 for VGA / serial / USB 2.0 Type-C (with DisplayPort Alternate Mode), Port 2 for serial)

I/O box

None

Audio support

High Definition (HD) Audio, Realtek ALC233-CG / internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.2* wireless, integrated in Wi-Fi + BT combo adapter
* Win 10 RS3 and Win10 earlier version only support Bluetooth 4.1

Ethernet

Gigabit ethernet, Realtek RTL8111HN, Wake on LAN®

Modem

None

Manageability

None

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Fullsize USB Keyboard (USB connector), black, Lenovo logo

Mouse

Some: USB Optical Wheel Mouse, black, Lenovo logo

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open (for models with optional toolless chanssis screw)
- Toolless HDD, SSD, memory, Wi-Fi removal
- Optional dust filter

M625 Tiny only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.9 lb (1.3 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)

Limited warranty[3]

Some: 1-year, depot service / service upgrades available
Some: 1-year, limited onsite service / service upgrades available

Preload

Preloaded operating system

Some: Windows® 10 Pro 64-bit
Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit

Preloaded applications (only some listed)

- *Windows 10 only*
- Lenovo Vantage
- LinkedIn
- Microsoft Office preloaded; purchase a product key to activate
- *Windows 7 only*
- Lenovo Solution Center
- Lenovo System Update
- Factory Recovery
- User Guide Viewer
- Microsoft Office preloaded; purchase a product key to activate
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*, EPEAT™ Gold rating* (*Not for non-OS models), ErP Lot 3, RoHS-compliant, WEEE, TCO

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	OS	War-ranty	Ann Date (m/y)
10TF000EUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 2.5"	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000FUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	4GBx1	1TB 5400rpm 2.5"	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000GUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	4GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000HUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 2.5"	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000JUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	4GBx1	1TB 5400rpm 2.5"	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000KUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	4GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000LUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	8GBx1	500GB 7200rpm 2.5"	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000MUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	8GBx1	1TB 5400rpm 2.5"	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000NUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000PUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000QUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	8GBx1	500GB 7200rpm 2.5"	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000RUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	8GBx1	1TB 5400rpm 2.5"	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18
10TF000SUS	US	AMD A9-9420e	No	AMD R5 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	1-year, Onsite	04/18

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ThinkCentre M625 Tiny Thin Client Platform Specifications

Product Specifications Reference (PSREF)

Processor

AMD E2 series APU

APU	Cores	Frequency Base/Max	L2 Cache	Memory Types	Integrated Graphics
E2-9000e	2	1.5 / 2.0 GHz	1 MB	DDR4-1866	Radeon R2 Series

Memory

8GB max, DDR4-1866, one 260-pin SO-DIMM socket

Disk

Some: 32GB M.2 Solid State Drive (SSD) / SATA interface
Some: 128GB M.2 Solid State Drive (SSD) / PCIe NVMe interface

Optical

None

Onboard SATA

one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

AMD Radeon™ Graphics in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional port (VGA or USB 2.0 Type-C with DisplayPort Alternate Mode), supports up to 2 independent displays;
Max resolution: 3840x2160 (DP)@60Hz; 2048x1280 (VGA)@60Hz; 3840x2160 (USB 2.0 Type-C)@60Hz

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

AMD SoC platform

Front ports

Two USB 3.1 Gen1 (one is Always On and fast charge), one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports

One USB 3.1 Gen1, three USB 2.0, ethernet (RJ-45), two DisplayPort, two optional ports (Port 1 for VGA / serial / USB 2.0 Type-C (with DisplayPort Alternate Mode), Port 2 for serial)

I/O box

None

Audio support

High Definition (HD) Audio, Realtek ALC233-CG / internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.2* wireless, integrated in Wi-Fi + BT combo adapter
* Win 10 RS3 and Win10 earlier version only support Bluetooth 4.1

Ethernet

Gigabit ethernet, Realtek RTL8111HN, Wake on LAN®

Modem

None

Manageability

None

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Fullsize USB Keyboard (USB connector), black, Lenovo logo

Mouse

Some: USB Optical Wheel Mouse, black, Lenovo logo

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open (for models with optional toolless chanssis screw)
- Toolless SSD, memory, Wi-Fi removal

M625 Tiny Thin Client only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.9 lb (1.3 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)

Limited warranty[3]

Some: 1-year, depot service / service upgrades available
Some: 1-year, limited onsite service / service upgrades available

Preload

Preloaded operating system
Some: Windows Embedded Standard 7 V2 (WES 7 V2)
Some: Windows 10 IoT Enterprise
Some: LeTOS V2 (Lenovo Terminal Operating System, Linux-based)

Environment

ENERGY STAR® 6.1*, EPEAT™ Gold rating* (*Not for non-OS models), ErP Lot 3, RoHS-compliant, WEEE, TCO

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	OS	War-ranty	Ann Date (m/y)
10TL0005US	US	AMD E2-9000e	No	AMD R2 Graphics	None	4GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	05/18
10TL0007US	US	AMD E2-9000e	No	AMD R2 Graphics	None	4GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	04/18
10TL0008US	US	AMD E2-9000e	No	AMD R2 Graphics	None	4GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	04/18
10TL0009US	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	04/18
10TL000AUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	04/18
10TL000BUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	04/18
10TL000CUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	4GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	05/18
10TL000DUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	04/18
10TL000FUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	4GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	04/18
10TL000LUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	05/18
10TL000MUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	04/18
10TL000NUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	05/18
10TL000PUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	4GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	04/18
10TL000QUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	1-year, Onsite	04/18
10TL000RUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	04/18
10TL000SUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	1-year, Onsite	04/18
10TL000TUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	QCA6174A ac, 2x2 + BT4.2	VGA + Serial	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	05/18
10TL000WUS	US	AMD E2-9000e	No	AMD R2 Graphics	None	8GBx1	32GB SSD M.2 SATA	QCA6174A ac, 2x2 + BT4.2	None	Chassis Intrusion Switch	None	1.5Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	1-year, Onsite	05/18

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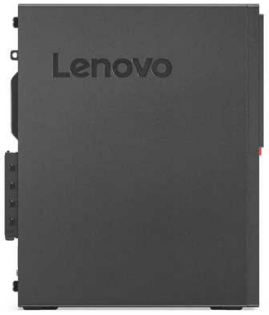

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ThinkCentre M710 SFF Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
Pentium G4560	2 / 4	3.5G	3 MB	DDR4-2400	HD 610
Pentium G4600	2 / 4	3.6G	3 MB	DDR4-2400	HD 630
Core i3-6100	2 / 4	3.7G	3 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i3-7100	2 / 4	3.9G	3 MB	DDR4-2400	HD 630
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

64GB max, UDIMM, DDR4-2400, four 288-pin DIMM sockets, non-ECC, dual-channel capable*
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Three onboard SATA 6.0Gb/s connectors

Media reader

Optional 7-in-1 media reader

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

Chipset

Intel B250 Chipset

Front ports

Four USB 3.1 Gen1, optional two USB 3.1 Type-C Gen 2 (only available via special bid), microphone (3.5mm), headphone (3.5mm)

Rear ports

Two USB 3.1 Gen1, two USB 2.0, optional two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, two PS/2 ports (keyboard/mouse);
additional DisplayPort on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- SFF (8.4L), black color; metal case
- *(WxDxH)* 3.6" X 11.4" X 13.5"; 92.5mm X 290.5mm X 343.5mm
- Approx. 13.2 lb (6.0 kg), weight may vary by configuration
- Toolless cover, disk, optical removal
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 2.5", internal, HDD/SSD (optional bay)
Slot 1: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16*
Slot 2: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x1*
Slot 3: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x1*
Slot 4: no slot, only bracket for optional port extension*
M.2 card slots: Two (one for WLAN, one for SSD/Optane)
* Optional 2 front USB3.1 Type-C ports module occupies PCIe x16 slot (x4 card), optional rear 2x USB2.0 / parallel / 2nd serial occupies one expansion slot

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor)
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate

- Only for Window 10
- Lenovo Companion
- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant, TUV low noise verified (on some models)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10M7000DUS	US	i7-7700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000EUS	US	i7-7700	No	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000FUS	US	i7-7700	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000GUS	US	i7-7700	No	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000HUS	US	i5-7400	No	Intel HD 630	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000JUS	US	i5-7400	No	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000KUS	US	i7-7700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000LUS	US	i5-7400	No	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000MUS	US	i7-7700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000NUS	US	i7-7700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000PUS	US	i5-7400	No	Intel HD 630	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000QUS	US	i5-7400	No	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000RUS	US	i7-7700	No	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000SUS	US	i5-7400	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7000TUS	US	i7-7700	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M7002WUS	US	i5-7400	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M7002XUS	US	Pentium G4560	No	Intel HD 610	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M7002YUS	US	i3-7100	No	Intel HD 630	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M70030US	US	i5-6500	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M70031US	US	i3-7100	No	Intel HD 630	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10M70032US	US	i7-6700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M70033US	US	i7-6700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M70034US	US	i5-7400	No	Intel HD 630	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M70035US	US	i7-6700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M70036US	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M70037US	US	i3-6100	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M70038US	US	i5-6500	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M70039US	US	i5-6500	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003AUS	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003BUS	US	Pentium G4560	No	Intel HD 610	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M7003CUS	US	i3-6100	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003DUS	US	i3-7100	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M7003EUS	US	i7-6700	No	Intel HD 530	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003FUS	US	i3-6100	No	Intel HD 530	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003GUS	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003HUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003JUS	US	i5-6500	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003KUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003LUS	US	i3-7100	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M7003MUS	US	i5-6500	No	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10M7003NUS	US	i7-6700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003PUS	US	i3-6100	No	Intel HD 530	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003QUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003RUS	US	i5-6500	No	Intel HD 530	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003SUS	US	i5-6500	No	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	Optional 2nd 2.5" Bay	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003TUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M7003UUS	US	i3-7100	No	Intel HD 630	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M7006AUS	US	i5-7400	No	Intel HD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	09/17
10M7006BUS	US	i7-7700	No	Intel HD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	09/17
10M70070US	US	i5-7400	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/18
10M70071US	US	i3-7100	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	03/18

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ThinkCentre M710 Tiny Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Pentium G4400T	2 / 2	2.9G	3 MB	DDR4-2133	HD 510
Pentium G4560T	2 / 4	2.9G	3 MB	DDR4-2400	HD 610
Pentium G4600T	2 / 4	3.0G	3 MB	DDR4-2400	HD 630
Core i3-6100T	2 / 4	3.2G	3 MB	DDR4-2133	HD 530
Core i5-6500T	4 / 4	2.5G / 3.1G	6 MB	DDR4-2133	HD 530
Core i7-6700T	4 / 8	2.8G / 3.6G	8 MB	DDR4-2133	HD 530
Core i3-7100T	2 / 4	3.4G	3 MB	DDR4-2400	HD 630
Core i5-7400T	4 / 4	2.4G / 3.0G	6 MB	DDR4-2400	HD 630
Core i5-7500T	4 / 4	2.7G / 3.3G	6 MB	DDR4-2400	HD 630
Core i5-7600T	4 / 4	2.8G / 3.7G	6 MB	DDR4-2400	HD 630
Core i7-7700T	4 / 8	2.9G / 3.8G	8 MB	DDR4-2400	HD 630

Memory

32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM, slim (9.0mm), via USB external ODD box
Some: DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box

Onboard SATA

One onboard SATA 6.0Gb/s connector

Media reader

None

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional video port (HDMI, VGA, 3rd DP, or USB 3.1 Type-C with DisplayPort Alternate Mode), up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1200 (VGA)@60Hz

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

Chipset

Intel B250 Chipset

Front ports

Two USB 3.1 Gen1 (one is Always On and fast charge), one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports

Four USB 3.1 Gen1 (optional external optical box or external I/O box occupies one or two specific USB 3.1 Gen1 on some models), ethernet (RJ-45), two DisplayPort, two optional ports (Port 1 for VGA / 3rd DP / HDMI / serial / USB 3.1 Type-C Gen 1 (with DisplayPort Alternate Mode), Port 2 for serial)

I/O box

Optional external I/O box, extends two USB 2.0, two USB 3.1 Gen1, and one serial on rear, two USB 2.0 on front, via USB cable (occupy two specific USB 3.1 Gen1 of Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC294 / optional internal speaker (1w or 2w)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-V (Jacksonville), Wake on LAN®

Modem

None

Manageability

None

Security chip

TPM (Trusted Platform Module) 2.0*, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open
- Toolless HDD, SSD, memory removal
- Optional toolless chanssis screw
- Optional dust filter

	Dimensions (WxDxH)	Weight (Approx.)
M710 Tiny only	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.91 lb (1.32 kg), vary by config
With VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	3.66 lb (1.66 kg), vary by config
With VESA mount & I/O box	7.42" X 7.30" X 2.62" 188.4mm X 185.38mm X 66.6mm	3.66 lb (1.66 kg), vary by config

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor)
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate
- Only for Window 10
- Lenovo Companion
- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant, TUV low noise verified (on some models)

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MR0001US	US	i7-7700T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	DVD±RW	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR0002US	US	i5-7500T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR0003US	US	i7-7700T	No	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR0004US	US	i5-7500T	No	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Feb 21, 2022	02/17
10MR0005US	US	i5-7500T	No	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR0006US	US	i5-7500T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	DVD±RW	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR0007US	US	i5-7500T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR0008US	US	i5-7500T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR0009US	US	i5-7500T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000AUS	US	i5-7500T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000BUS	US	i7-7700T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000CUS	US	i5-7500T	No	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000DUS	US	i5-7500T	No	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000EUS	US	i7-7700T	No	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000FUS	US	i5-7500T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000GUS	US	i5-7500T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000HUS	US	i7-7700T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000JUS	US	i5-7500T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR000KUS	US	i5-7500T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MR002PUS	US	i3-7100T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MR002QUS	US	i3-7100T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17
10MR002RUS	US	Pentium G4560T	No	Intel HD 610	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17
10MR002SUS	US	i3-7100T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17
10MR002TUS	US	i3-7100T	No	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe Opal	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17
10MR002UUS	US	i3-7100T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17
10MR002VUS	US	i3-7100T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17
10MR002WUS	US	i3-7100T	No	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	3165 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17
10MR002XUS	US	i3-7100T	No	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 6, 2023	03/17
10MR003UUS	US	i5-7500T	No	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR003VUS	US	i5-7500T	No	Intel HD 630	None	8GB	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR003WUS	US	i7-7700T	No	Intel HD 630	None	8GB	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR003XUS	US	i5-7400T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR003YUS	US	i5-7400T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0040US	US	i5-7400T	No	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0041US	US	i5-7400T	No	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0042US	US	i5-7400T	No	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0043US	US	i5-7400T	No	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0044US	US	i5-7400T	No	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0045US	US	i3-6100T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0046US	US	i7-6700T	No	Intel HD 530	None	8GB	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MR0047US	US	i5-6500T	No	Intel HD 530	None	8GB	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Mar 21, 2022	03/17
10MR0048US	US	i5-6500T	No	Intel HD 530	None	8GB	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0049US	US	i3-6100T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004AUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	128GB SSD M.2 PCIe NVMe	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004BUS	US	i5-6500T	No	Intel HD 530	None	8GB	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004CUS	US	i5-6500T	No	Intel HD 530	None	8GB	500GB 7200rpm 2.5"	DVD±RW	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004DUS	US	i7-6700T	No	Intel HD 530	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004EUS	US	i3-6100T	No	Intel HD 530	None	8GB	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004FUS	US	i5-6500T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004GUS	US	i3-6100T	No	Intel HD 530	None	8GB	500GB 7200rpm 2.5"	DVD±RW	3165 ac, 1x1 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004HUS	US	i5-6500T	No	Intel HD 530	None	8GB	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004JUS	US	i3-6100T	No	Intel HD 530	None	8GB	128GB SSD M.2 PCIe NVMe	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004KUS	US	i7-6700T	No	Intel HD 530	None	8GB	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004LUS	US	i7-6700T	No	Intel HD 530	None	8GB	500GB 7200rpm 2.5"	DVD±RW	8265 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR004MUS	US	i5-6500T	No	Intel HD 530	None	8GB	128GB SSD M.2 PCIe NVMe	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MR0062US	US	i5-7400T	No	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MR0063US	US	i5-7400T	No	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MR0064US	US	i7-7700T	No	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MR0065US	US	i7-7700T	No	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MR0066US	US	i3-7100T	No	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MR0067US	US	i3-7100T	No	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MR006UUS	US	i3-7100T	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MR006VUS	US	i3-7100T	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.0	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MR006WUS	US	i5-7400T	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MR006XUS	US	i5-7500T	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MR006YUS	US	i5-7500T	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.0	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MR0070US	US	i5-7400T	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	3165 ac, 1x1 + BT4.0	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18

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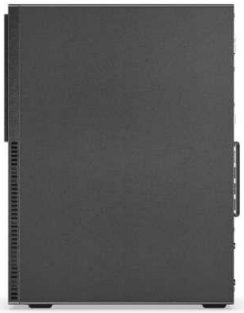

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ThinkCentre M710 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
Pentium G4560	2 / 4	3.5G	3 MB	DDR4-2400	HD 610
Pentium G4600	2 / 4	3.6G	3 MB	DDR4-2400	HD 630
Core i3-6100	2 / 4	3.7G	3 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i3-7100	2 / 4	3.9G	3 MB	DDR4-2400	HD 630
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

64GB max, UDIMM, DDR4-2400*, four 288-pin DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Three onboard SATA 6.0Gb/s connectors

Media reader

Optional 7-in-1 media reader

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;
Some: **AMD Radeon™ R7 350**, DirectX 11, 2GB, PCIe 3.0 x8 adapter, one VGA, one HDMI, 75 watts, occupies two slots;
Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz

Monitor Cable

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

Chipset

Intel B250 Chipset

Front ports

Four USB 3.1 Gen1, optional two USB 3.1 Type-C Gen 2 (only available via special bid), microphone (3.5mm), headphone (3.5mm)

Rear ports

Two USB 3.1 Gen1, two USB 2.0, optional two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, two PS/2 ports (keyboard/mouse);
additional VGA, DisplayPort, or HDMI on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Tower (15L), black color, metal case
- *(WxDxH)* 5.7" X 11.5" X 14.4"; 145mm X 292.7mm X 366mm
- Approx. 14.3 lb (6.5 kg), weight may vary by configuration
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 3.5", 1" high, internal, HDD/SSD
Slot 1: half-length full-height (length < 189mm, height < 104mm), PCIe 3.0 x16*
Slot 2: half-length full-height (length < 189mm, height < 104mm), PCIe 3.0 x1*
Slot 3: half-length full-height (length < 189mm, height < 104mm), PCIe 3.0 x1*
Slot 4: no slot, only bracket for optional port extension*
M.2 card slots: Two (one for WLAN, one for SSD/Optane)
* Optional 2 front USB3.1 Type-C ports module occupies PCIe x16 slot (x4 card), optional rear 2x USB2.0 / parallel occupies one expansion slot

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor)
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate

- Only for Window 10

- Lenovo Companion

- Only for Window 7

- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant, TUV low noise verified (on some models)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10M9000EUS	US	i7-7700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000FUS	US	i5-7400	No	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000GUS	US	i7-7700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000HUS	US	i5-7400	No	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000JUS	US	i5-7400	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000KUS	US	i7-7700	No	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000LUS	US	i7-7700	No	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000MUS	US	i5-7400	No	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000NUS	US	i5-7400	No	Intel HD 630	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000PUS	US	i5-7400	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000QUS	US	i7-7700	No	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000RUS	US	i5-7400	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000SUS	US	i5-7400	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000TUS	US	i7-7700	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9000UUS	US	i7-7700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	02/17
10M9002UUS	US	i3-6100	No	Intel HD 530	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9002VUS	US	i3-6100	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9002WUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9002XUS	US	i5-6500	No	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9002YUS	US	i7-6700	No	Intel HD 530	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10M90030US	US	i7-6700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M90031US	US	i5-6500	No	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M90032US	US	i5-7400	No	Intel HD 630	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M90033US	US	i7-6700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M90034US	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M90035US	US	i3-7100	No	Intel HD 630	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M90036US	US	i5-6500	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M90037US	US	i3-7100	No	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M90038US	US	i5-6500	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	3165 ac, 1x1 + BT4.1	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M90039US	US	i5-6500	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9003AUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9003BUS	US	i3-6100	No	Intel HD 530	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9003CUS	US	i3-7100	No	Intel HD 630	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M9003DUS	US	Pentium G4560	No	Intel HD 610	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M9003EUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9003FUS	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9003GUS	US	i5-6500	No	Intel HD 530	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9003HUS	US	i5-6500	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9003JUS	US	i5-6500	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17
10M9003KUS	US	i7-6700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10M9003LUS	US	i3-7100	No	Intel HD 630	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	03/17
10M9005NUS	US	i5-7400	No	Intel HD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	03/18
10M9005PUS	US	i5-7400	No	Intel HD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	03/18

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ThinkCentre M710e SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G3900	2 / 2	2.8G	2 MB	DDR4-2133	HD 510
Celeron G3930	2 / 2	2.9G	3 MB	DDR4-2133	HD 610
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530
Pentium G4560	2 / 4	3.5G	3 MB	DDR4-2400	HD 610
Pentium G4600	2 / 4	3.6G	3 MB	DDR4-2400	HD 630
Core i3-6100	2 / 4	3.7G	3 MB	DDR4-2133	HD 530
Core i5-6400	4 / 4	2.7G / 3.3G	6 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i3-7100	2 / 4	3.9G	3 MB	DDR4-2400	HD 630
Core i3-7300	2 / 4	4.0G	4 MB	DDR4-2400	HD 630
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

32GB max, UDIMM, DDR4-2400*, two 288-pin DIMM sockets, non-ECC, dual-channel capable
*System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Two onboard SATA 6.0Gb/s connectors

Media reader

Optional 7-in-1 media reader

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™, supports 2 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2160 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

Chipset

Intel B250 Chipset

Front ports

Two USB 3.1 Gen1, microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports

Two USB 3.1 Gen1, two USB 2.0, optional two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, optional external USB to PS/2 ports cable (for PS/2 keyboard / mouse); additional DisplayPort on optional graphics on some models

Rear audio ports

Line-out jack (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC233 / internal speaker (1.5 watt)

WLAN[13]

None

Bluetooth™

None

Ethernet

Gigabit ethernet, Realtek RTL8111HN, Wake on LAN®

Modem

None

Manageability

None

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Optional smart cable clip to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black

Mechanical

- SFF (7.4L), black color, metal case
- *(WxDxH)* 3.9" X 11.9" X 10.8"; 100mm X 303.5mm X 273.5mm
- Approx. 9.37 lb (4.25 kg), weight may vary by configuration

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, supports 2.5" or 3.5" HDD/SSD (2.5 to 3.5 bracket comes with disk)
Slot 1: low-profile (length < 152mm, height < 64mm), PCIe 3.0 x16*
Slot 2: low-profile (length < 152mm, height < 64mm), PCIe 3.0 x1*
M.2 card slots: one for SSD
*Optional rear 2x USB2.0 / parallel occupies one expansion slot

Floor Stand

Optional system floor stand for vertical orientation

Packaging

- *(WxDxH)* 7.7" X 15.4" X 19.7"; 195mm X 390mm X 500mm
- Cross weight (approx.) 14.22 lb (6.45 kg)

Power supply

Some: 180 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Some: Windows 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit(not available with 7th Gen Intel processor)

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (DVD, DVD±RW)
- Cyberlink PowerDVD Create (DVD±RW)

- Only for Window 10
- Lenovo Companion

- Only for Window 7
- Lenovo Solution Center
- Lenovo System Update
- Create Recovery Media
- Adobe® Reader®

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, RoHS-compliant, WEEE

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10UR001JUS	US	i5-7400	No	Intel HD 630	None	4GBx2	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	USB / USB	Floor Stand	180W 85%	Win10 Pro 64	1-year, Onsite	02/18
10UR001LUS	US	i5-7400	No	Intel HD 630	None	4GBx2	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	USB / USB	Floor Stand	180W 85%	Win10 Pro 64	1-year, Onsite	02/18
10UR001MUS	US	i3-7100	No	Intel HD 630	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	USB / USB	Floor Stand	180W 85%	Win10 Pro 64	1-year, Onsite	02/18

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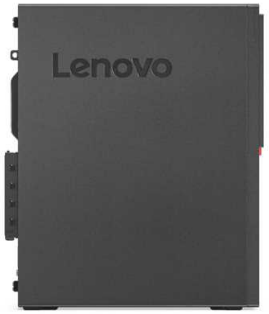

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ThinkCentre M715 SFF Platform Specifications

Processor

AMD A6 / A8 / A10 / A12 series APU and Ryzen 3 / 5 / 7 series processor

APU / processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Integrated Graphics
Ryzen 3 PRO 1200	4 / 4	3.1 / 3.4	2MB	None
Ryzen 3 PRO 1300	4 / 4	3.5 / 3.7	2MB	None
Ryzen 5 PRO 1500	4 / 8	3.5 / 3.7	2MB	None
Ryzen 7 PRO 1700	8 / 16	3.0 / 3.7	4MB	None
PRO A6-8570	2 / 2	3.5 / 3.8	1MB	Radeon R5 Series
PRO A10-8770	4 / 4	3.5 / 3.8	2MB	Radeon R7 Series
PRO A12-8870	4 / 4	3.7 / 4.2	2MB	Radeon R7 Series
PRO A6-9500	2 / 2	3.5 / 3.8	1MB	Radeon R5 Series
PRO A8-9600	4 / 4	3.1 / 3.4	2MB	Radeon R7 Series
PRO A10-9700	4 / 4	3.5 / 3.8	2MB	Radeon R7 Series
PRO A12-9800	4 / 4	3.8 / 4.2	2MB	Radeon R7 Series

Memory

64GB max, UDIMM, DDR4-2400, four 288-pin DIMM sockets, non-ECC, dual-channel capable*
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Three onboard SATA 6.0Gb/s connectors

Media reader

Optional 7-in-1 media reader

Graphics

AMD Radeon™ Graphics in processor (not for AMD Ryzen processor), uses main memory, DirectX® 12, one VGA, two DisplayPort™ (Onboard VGA and DP ports are invalid on the models with AMD Ryzen processor), supports 3 independent displays, works along with AMD discrete graphics to support more displays;
Max resolution: 4096x2160 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

Chipset

AMD B350 Chipset

Front ports

Two USB 3.1 Gen2, two USB 3.1 Gen1, optional two USB 3.1 Type-C Gen 2 (only available via special bid), microphone (3.5mm), headphone (3.5mm)

Rear ports

Two USB 3.1 Gen1, two USB 2.0, optional two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA and two DisplayPort (not available on models with AMD Ryzen processor), two PS/2 ports (keyboard / mouse);
additional DisplayPort on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111EPV, Wake on LAN®

Modem

None

Manageability

DASH

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black

Mouse

Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black
Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black

Mechanical

- SFF (8.4L), black color; metal case
- *(WxDxH)* 3.6" X 11.4" X 13.5"; 92.5mm X 290.5mm X 343.5mm
- Approx. 13.2 lb (6.0 kg), weight may vary by configuration
- Toolless cover, disk, optical removal
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", nternal, HDD/SSD
Bay 3: 2.5", internal, HDD/SSD (bay only comes with 2.5" 2nd disk)
Slot 1: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16*
Slot 2: low-profile (length < 150mm, height < 68mm), PCIe 2.0 x1*
Slot 3: low-profile (length < 150mm, height < 68mm), PCIe 2.0 x1*
Slot 4: no slot, only bracket for optional port extension*
M.2 card slots: two (one for WLAN, one for SSD)
* Optional front USB3.1 Type-C x2 module occupies PCIe x16 slot (x4 card), optional rear 2x USB2.0 / parallel / 2nd serial occupies one expansion slot

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (Only available with Pro A6/A10/A12-8xxx APUs)
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate

- Only for Window 10

- Lenovo Companion

- Only for Window 7

- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10MB0018US	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB0019US	US	AMD PRO A12-9800	No	AMD R7 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001AUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001BUS	US	AMD PRO A12-9800	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001CUS	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001DUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001EUS	US	AMD PRO A6-9500	No	AMD R5 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001FUS	US	AMD PRO A6-9500	No	AMD R5 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001GUS	US	AMD PRO A12-9800	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001HUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001JUS	US	AMD PRO A6-9500	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001KUS	US	AMD PRO A6-9500	No	AMD R5 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001LUS	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001MUS	US	AMD PRO A12-9800	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001NUS	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001PUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001QUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001RUS	US	AMD PRO A12-9800	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB001SUS	US	AMD PRO A6-8570	No	AMD R5 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB001TUS	US	AMD PRO A12-8870	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10MB001UUS	US	AMD PRO A6-8570	No	AMD R5 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB001VUS	US	AMD PRO A10-8770	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB001WUS	US	AMD PRO A10-8770	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB001XUS	US	AMD PRO A12-8870	No	AMD R7 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB001YUS	US	AMD PRO A10-8770	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0020US	US	AMD PRO A12-8870	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0021US	US	AMD PRO A10-8770	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0022US	US	AMD PRO A6-8570	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0023US	US	AMD PRO A6-8570	No	AMD R5 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0024US	US	AMD PRO A12-8870	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0025US	US	AMD PRO A10-8770	No	AMD R7 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0026US	US	AMD PRO A12-8870	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0027US	US	AMD PRO A10-8770	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0028US	US	AMD PRO A10-8770	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB0029US	US	AMD PRO A6-8570	No	AMD R5 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB002AUS	US	AMD PRO A12-8870	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB002BUS	US	AMD PRO A10-8770	No	AMD R7 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB002CUS	US	AMD PRO A12-8870	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	07/17
10MB002DUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB002EUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10MB002FUS	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB002GUS	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB002HUS	US	AMD PRO A12-9800	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB002JUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB002KUS	US	AMD PRO A12-9800	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB002LUS	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB002MUS	US	AMD PRO A6-9500	No	AMD R5 Graphics	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	06/17
10MB002PUS	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002QUS	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002RUS	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002SUS	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002TUS	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002UUS	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	4GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002VUS	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	8GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002WUS	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	8GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002XUS	US	AMD Ryzen 7 PRO 1700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB002YUS	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0030US	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0031US	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0032US	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10MB0033US	US	AMD Ryzen 7 PRO 1700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0034US	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0035US	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0036US	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	8GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0037US	US	AMD Ryzen 7 PRO 1700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0038US	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB0039US	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB003AUS	US	AMD Ryzen 7 PRO 1700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB003BUS	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB003CUS	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	4GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB003DUS	US	AMD Ryzen 5 PRO 1500	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB003EUS	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB003FUS	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB003GUS	US	AMD Ryzen 7 PRO 1700	No	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17
10MB003HUS	US	AMD Ryzen 3 PRO 1200	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	RTL8821AE ac, 1x1 + BT4.0	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/17

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ThinkCentre M715 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor

AMD A6, A10, or A12 series APUs

APU	Cores	Frequency Base/Max	L2 Cache	Memory Types	Integrated Graphics
PRO A6-9500E	2	3.0 / 3.4 GHz	1 MB	DDR4-2400	Radeon R5 Series
PRO A10-9700E	4	3.0 / 3.5 GHz	2 MB	DDR4-2400	Radeon R7 Series
PRO A12-9800E	4	3.1 / 3.8 GHz	2 MB	DDR4-2400	Radeon R7 Series
PRO A6-8570E	2	3.0 / 3.4 GHz	1 MB	DDR4-2400	Radeon R5 Series
PRO A10-8770E	4	2.8 / 3.5 GHz	2 MB	DDR4-2400	Radeon R7 Series
PRO A12-8870E	4	2.9 / 3.8 GHz	2 MB	DDR4-2400	Radeon R7 Series

Memory

32GB max, DDR4 2400, two 260-pin SO-DIMM sockets, dual-channel capable
*16GB single SO-DIMM memory is only available via special bid models

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / SATA interface or PCIe NVMe interface

Optical

Some: DVD-ROM, 9.0mm high, via USB external ODD box
Some: DVD±RW, 9.0mm high, via USB external ODD box

Onboard SATA

One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

AMD Radeon™ Graphics in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional port (HDMI, VGA, or 3rd DP), supports 3 independent displays (supports maximum of 2 concurrent HDMI/DVI displays when using HDMI port or DP to DVI/HDMI dongles);

Max resolution: 4096x2160 (DP)@60Hz; 4096x2160 (HDMI)@30Hz; 1920x1200 (VGA)@60Hz

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

AMD B300 Chipset

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

One USB 3.0 and three USB 2.0 (optional external optical box or I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone

I/O box

Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2, via USB port (occupy one specific USB 2.0 of M715q Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC233-CG / internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111EPV, Wake on LAN®

Modem

None

Manageability

DASH 1.0/1.1

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Fullsize USB Keyboard (USB connector), Lenovo logo
Some: Lenovo New Slim USB Keyboard (USB connector), black, Lenovo logo

Mouse

Some: USB Optical Wheel Mouse, black, Lenovo logo

Mechanical

Tiny (1L), black color; metal case
M715 Tiny only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.9 lb (1.3 kg), weight may vary by configuration
With VESA mount & ODD box:
7.42" W X 7.30" D X 2.48" H
188.4mm W X 185.38mm D X 63mm H
4.12 lb (1.87 kg), weight may vary by configuration
With VESA mount & I/O box:
7.42" W X 7.30" D X 2.62" H
188.4mm W X 185.38mm D X 66.6mm H
3.53 lb (1.6 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available

Preload

Preloaded operating system

Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit

Preloaded applications (only some listed)

- WIndows 10 only

- Lenovo Companion
- Microsoft Office preloaded; purchase a product key to activate

- Windows 7 only

- Lenovo Solution Center
- ThinkVantage System Update
- Create Recovery Media
- Lenovo ThinkVantage Tools
- CyberlinkPowerDVD Create(DVD±RW)
- Microsoft Office preloaded; purchase a product key to activate
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*, EPEAT™ Gold rating* (*Not for non-OS models); ErP Lot 3; GREENGUARD®; RoHS-compliant

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	OS	War-ranty	Ann Date (m/y)
10M30001US	US	AMD PRO A6-9500E	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	11/16
10M30002US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	Serial	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M30003US	US	AMD A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	VGA	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M30004US	US	AMD A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M30005US	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M30006US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M30007US	US	AMD PRO A6-9500E	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M30008US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M30009US	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M3000AUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	4GBx1	128GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M3000BUS	US	AMD A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M3000CUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	128GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M3000DUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	RTL8821AE ac, 1x1 + BT4.0	HDMI	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	10/16
10M3000NUS	US	AMD PRO A12-8870E	No	AMD R7 Graphics	None	8GBx2	512GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000PUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx2	512GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	01/17
10M3000QUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000RUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000SUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	DVD±RW	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000TUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	OS	War-ranty	Ann Date (m/y)
10M3000UUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000VUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000WUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	01/17
10M3000XUS	US	AMD PRO A12-8870E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000YUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M30010US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	01/17
10M30011US	US	AMD PRO A12-8870E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVMe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	01/17

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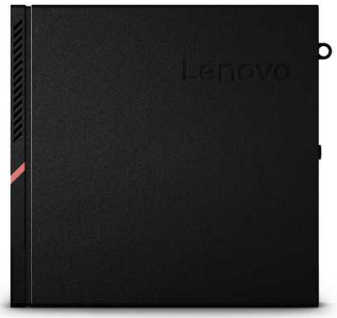

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ThinkCentre M715 Tiny (2nd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor

AMD Athlon, A6, A10, A12, or Ryzen processor

Processor	Cores / Threads	Frequency Base/Max	L2 Cache	Memory Support (Up to)	Integrated Graphics
Athlon 200GE	2 / 4	3.2 GHz	1 MB	DDR4-2933	Radeon Vega 3
Athlon PRO 200GE	2 / 4	3.2 GHz	1 MB	DDR4-2933	Radeon Vega 3
PRO A6-8570E	2 / 2	3.0 / 3.4 GHz	1 MB	DDR4-2400	Radeon R5
PRO A10-8770E	4 / 4	2.8 / 3.5 GHz	2 MB	DDR4-2400	Radeon R7
PRO A6-9500E	2 / 2	3.0 / 3.4 GHz	1 MB	DDR4-2400	Radeon R5
PRO A10-9700E	4 / 4	3.0 / 3.5 GHz	2 MB	DDR4-2400	Radeon R7
PRO A12-9800E	4 / 4	3.1 / 3.8 GHz	2 MB	DDR4-2400	Radeon R7
Ryzen 3 2200GE	4 / 4	3.2 / 3.6 GHz	2 MB	DDR4-2933	Radeon Vega 8
Ryzen 3 PRO 2200GE	4 / 4	3.2 / 3.6 GHz	2 MB	DDR4-2933	Radeon Vega 8
Ryzen 5 2400GE	4 / 8	3.2 / 3.8 GHz	2 MB	DDR4-2933	Radeon RX Vega 11
Ryzen 5 PRO 2400GE	4 / 8	3.2 / 3.8 GHz	2 MB	DDR4-2933	Radeon RX Vega 11

Memory

32GB max, DDR4 2666*, two 260-pin SO-DIMM sockets, dual-channel capable
* System automatically clocks down for the lower memory controller

Disk

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s

Optical

Some: DVD-ROM, 9.0mm high, via USB external ODD box
Some: DVD±RW, 9.0mm high, via USB external ODD box

Onboard SATA

One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar

Graphics

AMD Radeon™ Graphics in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional port (HDMI, VGA, or 3rd DP), supports 3 independent displays (supports maximum of 2 concurrent HDMI/DVI displays when using HDMI port or DP to DVI/HDMI dongles, and Athlon / Athlon PRO only support 2 displays);
Max resolution: 4096x2160 (DP)@60Hz; 4096x2160 (HDMI)@30Hz; 1920x1200 (VGA)@60Hz

Monitor cable

Optional DP to VGA dongle, DP to DVI-D dongle, or DP to HDMI 1.4 dongle

Chipset

AMD B300 Chipset

Front ports (Std.)

Two USB 3.1 Gen1 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports (Std.)

One USB 3.1 Gen1 and three USB 2.0, ethernet (RJ-45), two DisplayPort, one headphoneone

Rear ports (Opt.)

One optional port (VGA*, 3rd DP*, HDMI*, or serial on some models)
* Not support VGA, 3rd DP, HDMI for the models with Athlon / Athlon PRO

Audio support

High Definition (HD) Audio, Realtek ALC233-VB2 / internal speaker (1.5 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 2x2
Some: Bluetooth 4.2* wireless, integrated in Wi-Fi + BT combo adapter

Bluetooth

* Hardware supports BT 4.2, but Win10 RS3 and earlier only supports BT 4.1

Ethernet

Gigabit ethernet, Realtek RTL8111EPV, Wake on LAN®

Manageability

DASH 1.0/1.1

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open (need optional toolless chanssis screw)
- Optional dust filter

M715 Gen2 Tiny only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.91 lb (1.32 kg), weight may vary by configuration
With VESA mount & ODD box:
7.42" W X 7.30" D X 2.48" H
188.4mm W X 185.38mm D X 63mm H
3.66 lb (1.66 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)

Limited warranty

1-year or 3-year, limited onsite service / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit

Preloaded applications (only some listed)
- WIndows 10 only
- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

- Windows 7 only
- Lenovo Solution Center
- ThinkVantage System Update
- Create Recovery Media
- Microsoft Office preloaded; purchase a product key to activate
- Adobe® Reader®

Environment

ENERGY STAR® 7.0*, EPEAT™ Gold rating* (*Not for non-OS models); ErP Lot 3; ; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	OS	Warranty	Ann Date (m/y)
10VG0005US	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0006US	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	Serial	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0007US	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0008US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0009US	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000AUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000BUS	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000CUS	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000DUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	Serial	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000EUS	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000FUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000GUS	US	AMD PRO A6-9500E	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000HUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000JUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000KUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000LUS	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	Serial	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000MUS	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000NUS	US	AMD PRO A6-9500E	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	OS	War-ranty	Ann Date (m/y)
10VG000PUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000QUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000RUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000SUS	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000TUS	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000UUS	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000VUS	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000WUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	Serial	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000XUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG000YUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0010US	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0011US	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0012US	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0013US	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0014US	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	VGA	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0015US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0016US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG0017US	US	AMD Ryzen 3 PRO 2200GE	No	AMD Vega 8 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	OS	War-ranty	Ann Date (m/y)
10VG001GUS	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	HDMI	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18
10VG001HUS	US	AMD Ryzen 5 PRO 2400GE	No	AMD RX Vega 11 Graphics	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	QCA6174A ac, 2x2 + BT4.2	Integrated	3rd DP	Chassis Intrusion Switch	None	None	None	1.5Wx1	None	None	Floor Stand	USB / USB	Win10 Pro 64	3-year, Onsite	07/18

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ThinkCentre M715 Tiny Thin Client Platform Specifications

Processor

AMD A6, A10, or A12 series APUs

APU	Cores	Frequency Base/Max	L2 Cache	Memory Types	Integrated Graphics
PRO A6-8570E	2	3.0 / 3.4 GHz	1 MB	DDR4-2400	Radeon R5 Series
PRO A10-8770E	4	2.8 / 3.5 GHz	2 MB	DDR4-2400	Radeon R7 Series
PRO A12-8870E*	4	2.9 / 3.8 GHz	2 MB	DDR4-2400	Radeon R7 Series

*PRO A12-8870E (support Windows 10 IOT only) is only available via special bid models

Memory

4GB max, DDR4 2400, two 260-pin SO-DIMM sockets

Disk

Some: 256GB Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"*
*256GB SATA (support Windows 10 IOT only) is only available via special bid models
Some: 32GB M.2 Solid State Drive (SSD) / SATA interface
Some: 128GB M.2 Solid State Drive (SSD) / PCIe NVMe interface

Optical

None

Onboard SATA

One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

AMD Radeon™ Graphics in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional port (HDMI, VGA, or 3rd DP), supports 3 independent displays (supports maximum of 2 concurrent HDMI/DVI displays when using HDMI port or DP to DVI/HDMI dongles);
Max resolution: 4096x2160 (DP)@60Hz; 4096x2160 (HDMI)@30Hz; 1920x1200 (VGA)@60Hz

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

AMD B300 Chipset

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

One USB 3.0 and three USB 2.0 (optional external optical box or I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone

I/O box

None

Audio support

High Definition (HD) Audio, Realtek ALC233-CG / internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111EPV, Wake on LAN®

Modem

None

Manageability

DASH 1.0/1.1

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Fullsize USB Keyboard (USB connector), Lenovo logo

Mouse

Some: USB Optical Wheel Mouse, black, Lenovo logo

Mechanical

Tiny (1L), black color; metal case
M715 Tiny only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.9 lb (1.3 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available

Preload

Preloaded operating system
Some: Windows Embedded Standard 7 V2 (WES 7 V2)
Some: Windows 10 IoT Enterprise
Some: LeTOS V2 (Lenovo Terminal Operating System, Linux-based)

Environment

ENERGY STAR® 6.1*, EPEAT™ Gold rating* (*not for non-OS models); ErP Lot 3; GREENGUARD®; RoHS-compliant

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	OS	War-ranty	Ann Date (m/y)
10RB0000US	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB0001US	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB0002US	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	HDMI	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB0003US	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB0004US	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	Serial	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB0005US	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB0006US	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	Serial	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB0007US	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	VGA	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB0008US	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	HDMI	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB0009US	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	VGA	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB000AUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB000BUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	Serial	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB000CUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	VGA	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB000DUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	Serial	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB000EUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB000FUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB000GUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	HDMI	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB000HUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	Serial	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB000JUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB000KUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	OS	War-ranty	Ann Date (m/y)
10RB000LUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	VGA	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Windows 10 IoT Enterprise	3-year, Onsite	07/17
10RB000MUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB000NUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	HDMI	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB000PUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	HDMI	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB000QUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	Serial	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB000RUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB000SUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	VGA	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB000TUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17
10RB000UUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	HDMI	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	LeTOS V2	3-year, Onsite	07/17
10RB000VUS	US	AMD PRO A6-8570E	No	AMD R5 Graphics	None	4GBx1	32GB SSD M.2 SATA	None	RTL8821AE ac, 1x1 + BT4.0	VGA	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	WES 7 V2	3-year, Onsite	07/17

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ThinkCentre M720 SFF Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630

Memory

64GB max, UDIMM, DDR4-2666, four 288-pin DIMM sockets, non-ECC, dual-channel capable*
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Three onboard SATA 6.0Gb/s connectors

Media reader

Optional 7-in-1 media reader

Graphics

Intel UHD Graphics 610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

Monitor cable

Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle

Chipset

Intel B360 Chipset

Front ports (Std.)

2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x USB 3.1 Type-C Gen1 (15W charging), 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)

Front ports (Opt.)

Optional: 1x media reader

Rear ports (Std.)

4x USB 2.0, 1x serial (9-pin), 1x ethernet (RJ-45), 1x VGA, 2x DisplayPort, 1x line-out (3.5mm)

Rear ports (Opt.)

Optional: 2x USB 3.1 Gen1 via PCI2 x1*, 2x USB 3.1 Type-C Gen2 via PCIe x4* (special bid only), 1x 2nd serial (9-pin), 4x serial (9-pin) via PCIe x1, 1x parallel (25-pin), 2x PS/2 ports (keyboard/mouse), additional RJ-45 and video ports available on optional graphics or ethernet card
* Choose either 2x USB 3.1 Gen1 or 2x USB 3.1 Type-C Gen2

Audio support

High Definition (HD) Audio, Realtek ALC233VB2 / internal speaker (2 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.2 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-V (Jacksonville), Wake on LAN®

Ethernet (Opt.)

Some: Intel Ethernet Server Adapter I350-T4*, gigabit ethernet, 4x RJ-45, PCIe x4
Some: Bitland BN8E88*, gigabit ethernet, PCIe x1 (only available via special bid)
* Choose either I350-T4 or BN8E88

Manageability

None

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Optional cable lock to physically lock both keyboard and mouse
- Optional chassis intrusion switch
- Optional chassis E-Lock (special bid)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black
Some: Lenovo Keyboard (PS/2 connector), black (only available via special bid)

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
Some: Lenovo Mouse (PS/2 connector), black (only available via special bid)

Mechanical

- SFF (8.4L), black color; metal case
- *(WxDxH)* 3.64" X 11.44" X 13.52"; 92.5mm X 290.5mm X 343.5mm
- Approx. 13.24 lb (6.0 kg), weight may vary by configuration
- Toolless cover, disk, optical, and extension card removal
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 2.5", internal, HDD/SSD (optional bay)
Slot 1: low-profile (length < 147mm, height < 68.9mm), PCIe 3.0 x16
Slot 2: low-profile (length < 147mm, height < 68.9mm), PCIe 3.0 x1
Slot 3: low-profile (length < 147mm, height < 68.9mm), PCIe 3.0 x1
Slot 4: no slot, only bracket for optional port extension
M.2 card slots: Two (one for WLAN, one for SSD/Optane)

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU
Some: 260 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV low noise verified (coming soon, on some models), RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optional Bay	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Chassis E-Lock	Cable Lock	Speaker	Dust Filter	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	Ann Date (mm/yy)
10ST001QUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST001RUS	US	i5-8400	No	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST001TUS	US	i3-8100	No	Intel UHD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST001UUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST001VUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST001WUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST001XUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST001YUS	US	i7-8700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0020US	US	i5-8400	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0021US	US	Pentium Gold G5400	No	Intel UHD 610	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0022US	US	i3-8100	No	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0023US	US	Pentium Gold G5400	No	Intel UHD 610	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0024US	US	i5-8400	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0025US	US	i3-8100	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0026US	US	i3-8100	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0027US	US	i3-8100	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0028US	US	i7-8700	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST0029US	US	i7-8700	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST002AUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST002BUS	US	i7-8700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optional Bay	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Chassis E-Lock	Cable Lock	Speaker	Dust Filter	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	Ann Date (mm/yy)
10ST002CUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST002DUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST002FUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST003PUS	US	i7-8700	No	Intel UHD 630	None	16GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST003QUS	US	i7-8700	No	Intel UHD 630	None	16GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10ST003RUS	US	i7-8700	No	Intel UHD 630	None	16GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18

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ThinkCentre M720 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900T	2 / 2	2.9G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400T	2 / 4	3.1G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500T	2 / 4	3.2G	4 MB	DDR4-2400	UHD 630
Core i3-8100T	4 / 4	3.1G	6 MB	DDR4-2400	UHD 630
Core i3-8300T	4 / 4	3.2G	8 MB	DDR4-2400	UHD 630
Core i5-8400T	6 / 6	1.7G / 3.3G	9 MB	DDR4-2666	UHD 630
Core i5-8500T	6 / 6	2.1G / 3.5G	9 MB	DDR4-2666	UHD 630
Core i5-8600T	6 / 6	2.3G / 3.7G	9 MB	DDR4-2666	UHD 630
Core i7-8700T	6 / 12	2.4G / 4.0G	12 MB	DDR4-2666	UHD 630

Memory

32GB max, DDR4-2666*, two 260-pin SO-DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM, slim (9.0mm), via USB external ODD box
Some: DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box

Onboard SATA

One onboard SATA 6.0Gb/s connector

Graphics

Intel HD Graphics 610/630 in processor, uses main memory, DirectX® 12, one DisplayPort™, one HDMI, one optional video port (2nd HDMI, VGA, 2nd DP, or USB 3.1 Type-C Gen1 with DisplayPort function), up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 4096x2160 (onboard HDMI)@24Hz; 2048x1536 (VGA)@50Hz

Monitor cable

Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle

Chipset

Intel B360 Chipset

Front ports (Std.)

one USB 3.1 Gen1 (Always On and fast charge), one USB 3.1 Type-C Gen 1, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports (Std.)

2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x ethernet (RJ-45), 1x DisplayPort, 1x HDMI

Rear ports (Opt.)

Two optional ports (mutually exclusive with PCIe card): Port 1 for VGA / 2nd DP / 2nd HDMI / serial / USB 3.1 Type-C Gen 1 with DP function); Port 2 for serial; Optional ports via PCIe card: 2x USB 3.1 Gen1 via PCIe x1, 4x serial (9-pin) via PCIe x1

Audio support

Realtek ALC233VB2 / optional internal speaker (1.5 watt or 2 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2

Bluetooth

Some: Bluetooth 4.2 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Ethernet (Opt.)

Some: Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4

Manageability

Intel Active Management Technology 12 (Intel AMT 12)

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Chassis intrusion switch
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open (need optional toolless chanssis screw)
- Toolless HDD, SSD, memory removal
- Optional dust filter

one 2.5" bay for HDD/SSD, one PCIe 3.0 x8 slot (low-profile), two M.2 slots (one for WLAN, one for M.2 SSD), 2.5" HDD/SSD and PCIe card are mutually exclusive

	Dimensions (WxDxH)	Weight (Approx.)
Tiny only	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.91 lb (1.32 kg), vary by config
With VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	3.66 lb (1.66 kg), vary by config

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 65 watts AC/DC adapter, autosensing, 88% PSU
Some: 90 watts AC/DC adapter, autosensing, 88% PSU
Some: 135 watts AC/DC adapter, autosensing, 88% PSU

Limited warranty

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)
- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 7.0, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV ultra low noise verified (coming soon, on some models), RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10T7001GUS	US	i3-8100T	No	Intel UHD 630	None	4GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001HUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001JUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001MUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001NUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001PUS	US	Pentium Gold G5400T	No	Intel UHD 610	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001QUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001RUS	US	Pentium Gold G5400T	No	Intel UHD 610	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001SUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001TUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10T7001UUS	US	i3-8100T	No	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10T7001WUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7001XUS	US	i3-8100T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70020US	US	i5-8400T	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10T70022US	US	i5-8400T	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70023US	US	i3-8100T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70025US	US	i5-8400T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70027US	US	i7-8700T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10T70028US	US	i5-8400T	No	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10T7002AUS	US	i3-8100T	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10T7002BUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7002CUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7002DUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7002EUS	US	Pentium Gold G5400T	No	Intel UHD 610	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7002FUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7002GUS	US	Pentium Gold G5400T	No	Intel UHD 610	None	4GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7002HUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7002JUS	US	i5-8400T	No	Intel UHD 630	None	4GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70034US	US	i3-8100T	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	8265 ac, 2x2 + BT4.2	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70035US	US	i3-8100T	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70036US	US	i3-8100T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70037US	US	i7-8700T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70038US	US	i7-8700T	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70039US	US	i7-8700T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7003AUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	8265 ac, 2x2 + BT4.2	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7003BUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10T7003CUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7003DUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7003EUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7003FUS	US	i3-8100T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	None	4 Serial	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10T7003GUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	I350-T4 + Integrated	None	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10T7003HUS	US	i3-8100T	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7003JUS	US	i3-8100T	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7003KUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	8265 ac, 2x2 + BT4.2	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7003LUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7004VUS	US	Pentium Gold G5400T	No	Intel UHD 610	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7004WUS	US	i3-8100T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7004XUS	US	i7-8700T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T7004YUS	US	i5-8400T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70050US	US	i5-8400T	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70051US	US	i7-8700T	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	8265 ac, 2x2 + BT4.2	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70054US	US	i3-8100T	No	Intel UHD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70055US	US	i3-8100T	No	Intel UHD 630	None	8GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18
10T70056US	US	i5-8400T	No	Intel UHD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10T70057US	US	i5-8400T	No	Intel UHD 630	None	8GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2 + BT4.2	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	06/18

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ThinkCentre M720 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630

Memory

64GB max, UDIMM, DDR4-2666*, four 288-pin DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Three onboard SATA 6.0Gb/s connectors

Media reader

Optional 7-in-1 media reader

Graphics

Intel UHD Graphics 610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

Monitor Cable

Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle

Chipset

Intel B360 Chipset

Front ports (Std.)

2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x USB 3.1 Type-C Gen1 (15W charging), 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)

Front ports (Opt.)

Optional: 1x media reader

Rear ports (Std.)

4x USB 2.0, 1x serial (9-pin), 1x ethernet (RJ-45), 1x VGA, 2x DisplayPort, 1x line-out (3.5mm)

Rear ports (Opt.)

Optional: 2x USB 3.1 Gen1 via PCIe x1*, 2x USB 3.1 Type-C Gen2 via PCIe x4* (special bid only), 1x 2nd serial (9-pin), 4x serial (9-pin) via PCIe x1, 1x parallel (25-pin), 2x PS/2 ports (keyboard/mouse), additional RJ-45 and video ports available on optional graphics or ethernet card
* Choose either 2x USB 3.1 Gen1 or 2x USB 3.1 Type-C Gen2

Audio support

High Definition (HD) Audio, Realtek ALC233VB2 / internal speaker (2 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.2 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-V (Jacksonville), Wake on LAN®

Ethernet (Opt.)

Some: Intel Ethernet Server Adapter I350-T4*, gigabit ethernet, 4x RJ-45, PCIe x4
Some: Bitland BN8E88*, gigabit ethernet, 1x RJ-45, PCIe x1 (special bid only)
* Choose either I350-T4 or BN8E88

Manageability

None

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Optional cable lock to physically lock both keyboard and mouse
- Optional chassis intrusion switch
- Optional chassis E-Lock (special bid)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black
Some: Lenovo Keyboard (PS/2 connector), black (only available via special bid)

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
Some: Lenovo Mouse (PS/2 connector), black (only available via special bid)

Mechanical

- Tower (15L), black color, metal case
- *(WxDxH)* 5.91" X 10.65" X 14.17"; 150mm X 270.5mm X 360mm
- Approx. 15.21 lb (6.9 kg), weight may vary by configuration
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 3.5", 1" high, internal, HDD/SSD (optional bay)
Slot 1: half-length full-height (length < 189mm, height < 104mm), PCIe 3.0 x16
Slot 2: half-length full-height (length < 189mm, height < 104mm), PCIe 3.0 x1
Slot 3: half-length full-height (length < 189mm, height < 104mm), PCIe 3.0 x1
Slot 4: no slot, only bracket for optional port extension
M.2 card slots: Two (one for WLAN, one for SSD/Optane)

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU
Some: 260 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV low noise verified (coming soon, on some models), RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optional Bay	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Chassis E-Lock	Cable Lock	Speaker	Dust Filter	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	Ann Date (mm/yy)
10SQ000VUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ000WUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ000XUS	US	i3-8100	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0010US	US	i5-8400	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0011US	US	i7-8700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0012US	US	i3-8100	No	Intel UHD 630	None	4GBx1	1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0013US	US	i5-8400	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2nd 3.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0014US	US	i5-8400	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0015US	US	i7-8700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0016US	US	i3-8100	No	Intel UHD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0017US	US	i7-8700	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0018US	US	i7-8700	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0019US	US	i3-8100	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001AUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001BUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001DUS	US	Pentium Gold G5400	No	Intel UHD 610	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001FUS	US	i5-8400	No	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001GUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001HUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001JUS	US	i5-8400	No	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optional Bay	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Chassis E-Lock	Cable Lock	Speaker	Dust Filter	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	Ann Date (mm/yy)
10SQ001KUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001LUS	US	Pentium Gold G5400	No	Intel UHD 610	None	8GBx1	1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001MUS	US	i3-8100	No	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2nd 3.5" bay	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ001NUS	US	i7-8700	No	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2nd 3.5" bay	DVD±RW	None	8265 ac, 2x2 + BT4.2	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ0039US	US	i7-8700	No	Intel UHD 630	None	16GBx1	256GB SSD M.2 PCIe NVMe Opal	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SQ003BUS	US	i7-8700	No	Intel UHD 630	None	16GBx1	512GB SSD M.2 PCIe NVMe Opal	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	None	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18

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ThinkCentre M725 SFF Platform Specifications

Processor

AMD A6 / A8 / A10 / A12 and Ryzen 3 / 5 / 7 series processor

Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Support (Up to)	Integrated Graphics
PRO A6-9500	2 / 2	3.5 / 3.8	1MB	DDR4-2400	Radeon R5
PRO A8-9600	4 / 4	3.1 / 3.4	2MB	DDR4-2400	Radeon R7
PRO A10-9700	4 / 4	3.5 / 3.8	2MB	DDR4-2400	Radeon R7
PRO A12-9800	4 / 4	3.8 / 4.2	2MB	DDR4-2400	Radeon R7
Ryzen 3 2300X	4 / 4	3.5 / 4.0	2MB	DDR4-2933	None
Ryzen 5 2500X	4 / 8	3.6 / 4.0	2MB	DDR4-2933	None
Ryzen 3 PRO 2200G	4 / 4	3.5 / 3.6	2MB	DDR4-2933	Radeon Vega 8
Ryzen 5 PRO 2400G	4 / 8	3.6 / 3.8	2MB	DDR4-2933	Radeon RX Vega 11
Ryzen 5 PRO 2600	6 / 12	3.4 / 3.9	3MB	DDR4-2933	None
Ryzen 7 PRO 2700	8 / 16	3.2 / 4.1	4MB	DDR4-2933	None

Memory

64GB max, UDIMM, DDR4-2666*, four 288-pin DIMM sockets, non-ECC, dual-channel capable
* Systemboard supports up to DDR4-2666, memory frequency may automatically clocks down for the lower capability of memory controller in processor

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe and AMD A6 / A8 / A10 / A12 processor only supports PCIe 3.0 x 2, 16Gb/s

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Three onboard SATA 6.0Gb/s connectors, RAID 0/1 support (RAID preset only available via special bid model)

Media reader

Optional 7-in-1 media reader

Graphics

AMD Radeon™ Graphics in processor (only for some processors), uses main memory, DirectX® 12, one VGA, two DisplayPort™ (Onboard VGA and DP ports are only available on the models with integrated graphics), supports 3 independent displays, works along with AMD discrete graphics to support more displays;
Max resolution: 4096x2160 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB GDDR5, PCIe 2.0 x16 (x8 elec.) adapter, one HDMI, one VGA, 35 watts;
Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz

Monitor cable

Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle, or DP to HDMI 1.4 dongle

Chipset

AMD B450 Chipset

Front ports (Std.)

2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x microphone (3.5mm), 1x headphone (3.5mm)

Front ports (Opt.)

Optional: 1x media reader, 2x USB 3.1 Type-C Gen2 via PCIe card (special bid only)

Rear ports (Std.)

2x USB 3.1 Gen1, 2x USB 2.0, 1x serial (9-pin), 1x ethernet (RJ-45), 1x VGA*, 2x DisplayPort*, 2x PS/2 ports (keyboard / mouse); 1x line-in (3.5mm), 1x line-out (3.5mm), 1x microphone (3.5mm)
* only available on the models with integrated graphics

Rear ports (Opt.)

Optional: 2x USB 2.0, 1x 2nd serial (9-pin), 1x parallel (25-pin), additional RJ-45 and video ports available on optional graphics or ethernet card

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2* combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.2* wireless, integrated in Wi-Fi + BT combo adapter
* Hardware supports BT 4.2, but Win10 RS3 and earlier only supports BT 4.1

Ethernet

Gigabit ethernet, Realtek RTL8111EPV, Wake on LAN®

Ethernet (Opt.)

Some: Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1 (special bid only)

Manageability

DASH 10/1.1

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black
Some: Lenovo Keyboard (PS/2 connector), black (only available via special bid)

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
Some: Lenovo Mouse (PS/2 connector), black (only available via special bid)

Mechanical

- SFF (8.4L), black color; metal case
- *(WxDxH)* 3.6" X 11.4" X 13.5"; 92.5mm X 290.5mm X 343.5mm
- Approx. 13.2 lb (6.0 kg), weight may vary by configuration
- Toolless cover, disk, optical removal
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", nternal, HDD/SSD
Bay 3: 2.5", internal, HDD/SSD (bay only comes with 2.5" 2nd disk)
Slot 1: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16
Slot 2: low-profile (length < 150mm, height < 68mm), PCIe 2.0 x1
Slot 3: low-profile (length < 150mm, height < 68mm), PCIe 2.0 x1
Slot 4: low-profile (length < 150mm, height < 68mm), PCI 3.0
M.2 card slots: two (one for WLAN, one for SSD)

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU
Some: 260 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty

1-year or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 6.1*, EPEAT™ Gold rating* (*not for non-OS models); ErP Lot 3; RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speakers	Dust Filter	Stand	Keyboard / Mouse	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10VT0000US	US	AMD Ryzen 3 PRO 2200G	No	AMD Vega 8 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0001US	US	AMD Ryzen 3 PRO 2200G	No	AMD Vega 8 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	DVD±RW	None	QCA6174A ac, 2x2 + BT4.2	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0002US	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0003US	US	AMD Ryzen 3 PRO 2200G	No	AMD Vega 8 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0004US	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0005US	US	AMD Ryzen 7 PRO 2700	No	GT 730 2GB	None	16GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0006US	US	AMD Ryzen 3 PRO 2200G	No	AMD Vega 8 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	QCA6174A ac, 2x2 + BT4.2	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0007US	US	AMD Ryzen 7 PRO 2700	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0008US	US	AMD PRO A6-9500	No	AMD R5 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT0009US	US	AMD Ryzen 7 PRO 2700	No	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000AUS	US	AMD Ryzen 5 PRO 2600	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000BUS	US	AMD Ryzen 5 PRO 2400G	No	AMD RX Vega 11 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	QCA6174A ac, 2x2 + BT4.2	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000CUS	US	AMD Ryzen 5 PRO 2600	No	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000DUS	US	AMD Ryzen 3 PRO 2200G	No	AMD Vega 8 Graphics	None	8GBx1	128GB SSD M.2 (2242) PCIe NVMe	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000EUS	US	AMD Ryzen 7 PRO 2700	No	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000FUS	US	AMD PRO A8-9600	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000GUS	US	AMD Ryzen 3 PRO 2200G	No	AMD Vega 8 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000HUS	US	AMD Ryzen 5 PRO 2400G	No	AMD RX Vega 11 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	QCA6174A ac, 2x2 + BT4.2	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000JUS	US	AMD Ryzen 5 PRO 2400G	No	AMD RX Vega 11 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000KUS	US	AMD PRO A6-9500	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Speakers	Dust Filter	Stand	Keyboard / Mouse	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10VT000LUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000MUS	US	AMD PRO A10-9700	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000NUS	US	AMD Ryzen 5 PRO 2400G	No	AMD RX Vega 11 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	DVD±RW	None	None	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18
10VT000PUS	US	AMD Ryzen 3 PRO 2200G	No	AMD Vega 8 Graphics	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	QCA6174A ac, 2x2 + BT4.2	Integrated	None	None	None	None	1.5Wx1	None	Stand	USB / USB	210W 85%	Win10 Pro 64	3-year, Onsite	07/18

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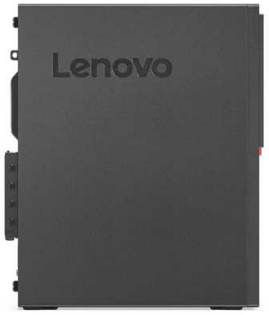

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ThinkCentre M910 SFF Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i3-7300	2 / 4	4.0G / --	4 MB	DDR4-2400	HD 630
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

64GB max, UDIMM, DDR4-2400*, four 288-pin DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Four onboard SATA 6.0Gb/s connectors, RAID 0/1 support (RAID preset only available via special bid model)

Media reader

Optional 7-in-1 media reader

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

Chipset

Intel Q270 Chipset

Front ports

Four USB 3.1 Gen1, optional two USB 3.1 Type-C Gen 2 (only available via special bid), microphone (3.5mm), headphone (3.5mm)

Rear ports

Four USB 3.1 Gen1, optional two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional two PS/2 ports (keyboard/mouse);
additional DisplayPort on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Modem

None

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black

Mouse

Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black
Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- SFF (8.4L), black color, metal case
- *(WxDxH)* 3.6" X 11.4" X 13.5"; 92.5mm X 290.5mm X 343.5mm
- Approx. 11.92 lb (5.4 kg), weight may vary by configuration
- Toolless cover, disk, optical, graphic card removal
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 2.5", internal, HDD/SSD (optional bay)
Slot 1: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16*
Slot 2: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x1*
Slot 3: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16 (x4 signal)*
Slot 4: no slot, only bracket for optional port extension*
M.2 card slots: Two (one for WLAN, one for SSD/Optane)
* Optional 2 front USB3.1 Type-C ports module occupies PCIe x16 (x4 signal) slot, optional rear 2x USB2.0 / parallel / 2nd serial / cable lock / Wi-Fi antenna occupies one expansion slot

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor)
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate

- Only for Window 10

- Lenovo Companion

- Only for Window 7

- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant, TUV low noise verified (on some models)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MK000AUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000BUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000CUS	US	i5-7500	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000DUS	US	i5-7500	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000EUS	US	i7-7700	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000FUS	US	i7-7700	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000GUS	US	i5-7500	vPro	Intel HD 630	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000HUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000KUS	US	i5-7500	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000LUS	US	i7-7700	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000MUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000NUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000PUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000QUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000RUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000SUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK000TUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MK0035US	US	i5-6500	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK0036US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK0037US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	Speaker	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MK0038US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK0039US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003AUS	US	i7-6700	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003BUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003CUS	US	i5-6500	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003DUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003EUS	US	i5-6500	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003FUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003GUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003HUS	US	i7-6700	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003JUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003KUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003LUS	US	i7-6700	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003MUS	US	i5-7500	vPro	Intel HD 630	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003NUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK003PUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MK004WUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MK004XUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MK0052US	US	i7-7700	vPro	Intel HD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MK0053US	US	i5-7500	vPro	Intel HD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18

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ThinkCentre M910 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Core i5-6500T	4 / 4	2.5G / 3.1G	6 MB	DDR4-2133	HD 530
Core i7-6700T	4 / 8	2.8G / 3.6G	8 MB	DDR4-2133	HD 530
Core i5-7500T	4 / 4	2.7G / 3.3G	6 MB	DDR4-2400	HD 630
Core i5-7600T	4 / 4	2.8G / 3.7G	6 MB	DDR4-2400	HD 630
Core i7-7700T	4 / 8	2.9G / 3.8G	8 MB	DDR4-2400	HD 630

Memory

32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm, APS
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM, slim (9.0mm), via USB external ODD box
Some: DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box

Onboard SATA

One onboard SATA 6.0Gb/s connector

Media reader

None

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional video port (HDMI, VGA, 3rd DP, or USB 3.1 Type-C with DisplayPort Alternate Mode), up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1200 (VGA)@60Hz

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

Chipset

Intel Q270 Chipset

Front ports

Two USB 3.1 Gen1 (one is Always On and fast charge), one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports

Four USB 3.1 Gen1 (optional external optical box or external I/O box occupies one or two specific USB 3.1 Gen1 on some models), ethernet (RJ-45), two DisplayPort, two optional ports (Port 1 for VGA / 3rd DP / HDMI / serial / USB 3.1 Type-C Gen 1 (with DisplayPort Alternate Mode), Port 2 for serial)

I/O box

Optional external I/O box, extends two USB 2.0, two USB 3.1 Gen1, and one serial on rear, two USB 2.0 on front, via USB cable (occupy two specific USB 3.1 Gen1 of Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC294 / optional internal speaker (1w or 2w)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.2 wireless, integrated in Wi-Fi + BT combo adapter
* Hardware supports BT 4.2, but Win10 RS3 and earlier only supports BT 4.1

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

TPM (Trusted Platform Module) 2.0*, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open
- Toolless HDD, SSD, memory removal
- Optional toolless chanssis screw
- Optional dust filter

	Dimensions (WxDxH)	Weight (Approx.)
M910 Tiny only	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.91 lb (1.32 kg), vary by config
With VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	3.66 lb (1.66 kg), vary by config
With VESA mount & I/O box	7.42" X 7.30" X 2.62" 188.4mm X 185.38mm X 66.6mm	3.66 lb (1.66 kg), vary by config

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor)
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate

- Only for Window 10
- Lenovo Companion
- Intel Unite download link (vPro models only)

- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)
- Intel Unite (vPro models only)

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant, TUV low noise verified (on some models)

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MV000JUS	US	i5-7500T	vPro	Intel HD 630	None	4GBx1	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000KUS	US	i7-7700T	vPro	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe	DVD±RW	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000LUS	US	i5-7500T	vPro	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000MUS	US	i5-7500T	vPro	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000NUS	US	i5-7500T	vPro	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000PUS	US	i5-7500T	vPro	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	DVD±RW	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000QUS	US	i5-7500T	vPro	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000RUS	US	i5-7500T	vPro	Intel HD 630	None	4GBx1	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000SUS	US	i5-7500T	vPro	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000TUS	US	i5-7500T	vPro	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000UUS	US	i7-7700T	vPro	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000VUS	US	i5-7500T	vPro	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000XUS	US	i5-7500T	vPro	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV000YUS	US	i7-7700T	vPro	Intel HD 630	None	8GB	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV0010US	US	i7-7700T	vPro	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV0011US	US	i5-7500T	vPro	Intel HD 630	None	4GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV0012US	US	i5-7500T	vPro	Intel HD 630	None	8GB	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV0013US	US	i7-7700T	vPro	Intel HD 630	None	8GB	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV0014US	US	i5-7500T	vPro	Intel HD 630	None	8GB	256GB SSD M.2 PCIe NVMe	DVD±RW	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MV002MUS	US	i7-6700T	vPro	Intel HD 530	None	8GB	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MV002NUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002PUS	US	i5-7500T	vPro	Intel HD 630	None	8GBx2	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002QUS	US	i7-7700T	vPro	Intel HD 630	None	8GBx2	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002RUS	US	i7-7700T	vPro	Intel HD 630	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002SUS	US	i5-6500T	vPro	Intel HD 530	None	8GB	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002TUS	US	i7-6700T	vPro	Intel HD 530	None	16GBx1	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002UUS	US	i7-6700T	vPro	Intel HD 530	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002VUS	US	i7-7700T	vPro	Intel HD 630	None	8GBx2	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002WUS	US	i7-6700T	vPro	Intel HD 530	None	8GB	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002XUS	US	i5-7500T	vPro	Intel HD 630	None	8GBx2	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV002YUS	US	i5-6500T	vPro	Intel HD 530	None	8GBx2	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV0030US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV0031US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV0032US	US	i5-6500T	vPro	Intel HD 530	None	8GB	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Mar 21, 2022	03/17
10MV0033US	US	i7-6700T	vPro	Intel HD 530	None	8GB	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV0034US	US	i5-6500T	vPro	Intel HD 530	None	8GB	128GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV0035US	US	i7-7700T	vPro	Intel HD 630	None	8GBx2	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV0036US	US	i5-6500T	vPro	Intel HD 530	None	8GB	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV0037US	US	i5-6500T	vPro	Intel HD 530	None	8GBx2	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV0038US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MV0039US	US	i7-6700T	vPro	Intel HD 530	None	8GB	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 21, 2023	03/17
10MV003KUS	US	i7-7700T	vPro	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MV003LUS	US	i5-7500T	vPro	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MV003MUS	US	i5-7500T	vPro	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MV003NUS	US	i7-7700T	vPro	Intel HD 630	None	8GB	16GB Optane Memory + 500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Sep 5, 2022	09/17
10MV003TUS	US	i5-7500T	vPro	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MV003UUS	US	i5-7500T	vPro	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MV003VUS	US	i7-7700T	vPro	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MV003WUS	US	i7-7700T	vPro	Intel HD 630	None	4GBx1	16GB Optane Memory + 500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W 88% Adapter	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18

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ThinkCentre M910 Tower Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i3-7300	2 / 4	4.0G / --	4 MB	DDR4-2400	HD 630
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

64GB max, UDIMM, DDR4-2400*, four 288-pin DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2
Some: Front accessible and removable HDD, 3.5", lockable via physical key

Optical

Some: DVD-ROM, SATA 1.5Gb/s, 5.25" or slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s, 5.25" or slim (9.0mm)

Onboard SATA

Four onboard SATA 6.0Gb/s connectors (1x eSATA and 3x SATA), RAID 0/1 support (RAID preset only available via special bid model)

Media reader

Optional 7-in-1 media reader

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;
Some: **AMD Radeon™ R7 350**, DirectX 11, 2GB, PCIe 3.0 x8 adapter, one VGA, one HDMI, 75 watts, occupies two slots;
Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA Geforce GTX™ 1080** (only available via special bid model), DirectX 12, 8GB, PCIe 3.0 x16 adapter, one DVI-D, one HDMI, three DisplayPort, 180 watts, occupies two slots;
Max resolution: 2560x1600 (DVI-D)@60Hz; 4096x2160 (HDMI)@60Hz
7680x4320 (with Single DP)@60Hz

Monitor Cable

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

Chipset

Intel Q270 Chipset

Front ports

Four USB 3.1 Gen1, optional two USB 3.1 Type-C Gen 2 (only available via special bid), microphone (3.5mm), headphone (3.5mm)

Rear ports

Four USB 3.1 Gen1, optional two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional two PS/2 ports (keyboard/mouse);
additional VGA, DisplayPort, DVI-D, or HDMI on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Modem

None

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Tower (18L), black color, metal case
- *(WxDxH)* 6.5" X 12.65" X 16.15"; 165mm X 321.35mm X 410.25mm
- Approx. 15.45 lb (7 kg), weight may vary by configuration
- Toolless cover, disk, optical, graphic card removal
- Optional carry handle, dust filter

Bay 1: Slim external ODD bay
Bay 2: 5.25", 1.6" high, external, ODD / optional front access HDD
Bay 3: 3.5", 1" high, internal, HDD/SSD
Bay 4: 3.5", 1" high, internal, HDD/SSD (optional bay, bay comes with disk)
Bay 5: 2.5", internal, HDD/SSD (optional bay)
Notes: M910 Tower supports up to 3 SATA devices (ODD/HDD/SSD) and 1 eSATA device (front access HDD)
Slot 1: full-length full-height (length < 268mm, height < 112mm), PCIe 3.0 x16*
Slot 2: full-length full-height (length < 268mm, height < 112mm), PCIe 3.0 x1*
Slot 3: full-length full-height (length < 268mm, height < 112mm), PCIe 3.0 x16 (x4 signal)*
Slot 4: no slot, only bracket for optional port extension*
M.2 card slots: Two (one for WLAN, one for SSD/Optane)
* Optional 2 front USB3.1 Type-C ports module occupies PCIe x16 (x4 signal) slot, optional rear 2x USB2.0 / parallel / 2nd serial occupies one expansion slot

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 250 watts, autosensing, 85% PSU
Some: 400 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor)
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate
- Only for Window 10
- Lenovo Companion
- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant, TUV low noise verified (on some models)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	Speaker	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MM000AUS	US	i5-7500	vPro	Intel HD 630	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000BUS	US	i7-7700	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000CUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000DUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000EUS	US	i5-7500	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000FUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000GUS	US	i5-7500	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000HUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000JUS	US	i7-7700	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000KUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000LUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000MUS	US	i7-7700	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000NUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000PUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM000QUS	US	i5-7500	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Mar 21, 2023	02/17
10MM002JUS	US	i5-6500	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002KUS	US	i5-6500	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002LUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002MUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002NUS	US	i7-6700	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	Speaker	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	Warranty	End of Support	Ann Date (mm/yy)
10MM002PUS	US	i7-6700	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002QUS	US	i5-7500	vPro	Intel HD 630	None	4GBx1	128GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002RUS	US	i7-6700	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002SUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002TUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002UUS	US	i5-6500	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002VUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002WUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002XUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	512GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM002YUS	US	i5-6500	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM0030US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM0031US	US	i7-6700	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM003AUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM003BUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	DVD±RW	Optional 2.5" Bay	None	8265 ac, 2x2, vPro + BT4.1	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	Apr 28, 2023	03/17
10MM003NUS	US	i5-7500	vPro	Intel HD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18
10MM003PUS	US	i7-7700	vPro	Intel HD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	DVD±RW	Optional 2.5" Bay	None	None	None	None	None	None	None	1.5Wx1	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	Apr 27, 2024	03/18

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ThinkCentre M910x Tiny Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Core i5-6500T	4 / 4	2.5G / 3.1G	6 MB	DDR4-2133	HD 530
Core i7-6700T	4 / 8	2.8G / 3.6G	8 MB	DDR4-2133	HD 530
Core i5-7500T	4 / 4	2.7G / 3.3G	6 MB	DDR4-2400	HD 630
Core i5-7600T	4 / 4	2.8G / 3.7G	6 MB	DDR4-2400	HD 630
Core i7-7700T	4 / 8	2.9G / 3.8G	8 MB	DDR4-2400	HD 630
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive* / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm, APS
Some: Solid State Drive (SSD)* / SATA 6.0Gb/s, 2.5"
(* 2.5" HDD/SSD and RX 460 graphics are mutually exclusive)
Some: M.2 SSD (support up to two M.2 SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s, RAID 0/1 support (RAID preset only available via special bid model)
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM, slim (9.0mm), via USB external ODD box
Some: DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box

Onboard SATA

One onboard SATA 6.0Gb/s connector

Media reader

None

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional video port (HDMI, VGA, 3rd DP, or USB 3.1 Type-C with DisplayPort Alternate Mode), up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1200 (VGA)@60Hz
Some: **AMD Radeon™ RX 460**, DirectX 12, 4GB, PCIe 3.0 x8 adapter (low profile), four mini DisplayPort, 35 watts (TDP), up to 4 independent displays, works along with 2 onboard DisplayPort to support up to 6 independent displays;
Max resolution: 5120x2880 @60Hz (up to 2 mini DisplayPort); 4096x2160 @60Hz (up to 4 mini DisplayPort)

Monitor cable

Optional DP to VGA, DP to DVI-D, DP to dual DP, mini DP to DP, or DP to HDMI 1.4

Chipset

Intel Q270 Chipset

Front ports

Two USB 3.1 Gen1 (one is Always On and fast charge), one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports

Four USB 3.1 Gen1 (optional optical box or I/O box occupies one or two specific USB 3.1 Gen1), ethernet (RJ-45), two DisplayPort, two optional ports (not available for the models with RX 460 graphics): Port 1 for [VGA / 3rd DP / HDMI / serial / USB 3.1 Type-C Gen 1 (with DisplayPort Alternate Mode)]; Port 2 for [serial]

I/O box

Optional external I/O box, extends two USB 2.0, two USB 3.1 Gen1, and one serial on rear, two USB 2.0 on front, via USB cable (occupy 2 specific USB 3.1 G1 of Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC294 / optional internal speaker (1w or 2w)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.2 wireless, integrated in Wi-Fi + BT combo adapter
* Hardware supports BT 4.2, but Win10 RS3 and earlier only supports BT 4.1

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

TPM (Trusted Platform Module) 2.0*, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open
- Toolless HDD, SSD, memory removal
- Optional toolless chanssis screw
- Optional dust filter

	Dimensions (WxDxH)	Weight (Approx.)
M910 Tiny only	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.91 lb (1.32 kg), vary by config
With VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	3.66 lb (1.66 kg), vary by config
With VESA mount & I/O box	7.42" X 7.30" X 2.62" 188.4mm X 185.38mm X 66.6mm	3.66 lb (1.66 kg), vary by config

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

135 watts AC/DC adapter, autosensing, 88% PSU

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor)
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)
- Microsoft Office preloaded; purchase a product key to activate
- Only for Window 10
- Lenovo Companion
- Intel Unite download link (vPro models only)
- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)
- Intel Unite (vPro models only)

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant, TUV low noise verified (on some models)

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10N00007US	US	i5-7600	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N00008US	US	i5-7500	vPro	Intel HD 630	None	4GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N00009US	US	i7-7700	vPro	Intel HD 630	None	8GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N0000AUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N0000BUS	US	i5-7500	vPro	Intel HD 630	None	8GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N00014US	US	i5-6500T	vPro	AMD RX460 4GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N00015US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N00016US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N00017US	US	i7-6700T	vPro	AMD RX460 4GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N00018US	US	i5-7500T	vPro	AMD RX460 4GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N00019US	US	i5-6500T	vPro	AMD RX460 4GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N0001AUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N0001BUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N0001CUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N0001DUS	US	i5-7500T	vPro	AMD RX460 4GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N0001EUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N0001FUS	US	i7-7700T	vPro	AMD RX460 4GB	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N0001GUS	US	i7-7700T	vPro	AMD RX460 4GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	04/17
10N0001HUS	US	i7-6700T	vPro	AMD RX460 4GB	None	8GBx1	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	04/17
10N0001JUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	07/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10N0001KUS	US	i7-7700	vPro	Intel HD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe	None	8265 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W 88% Adapter	Win10 Pro 64	3-year, Onsite	07/17

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ThinkCentre M920 SFF Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630

Memory

64GB max, UDIMM, DDR4-2666*, four 288-pin DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM, SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Four onboard SATA 6.0Gb/s connectors, RAID 0/1 support (RAID preset only available via special bid model)

Media reader

Optional 7-in-1 media reader

Graphics

Intel UHD Graphics 610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

Monitor cable

Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle

Chipset

Intel Q370 Chipset

Front ports (Std.)

2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x USB 3.1 Type-C Gen1 (15W charging), 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)

Front ports (Opt.)

Optional: 1x media reader

Rear ports (Std.)

4x USB 3.1 Gen1, 1x serial (9-pin), 1x ethernet (RJ-45), 1x VGA, 2x DisplayPort, 1x line-out (3.5mm)

Rear ports (Opt.)

Optional: 2x USB 2.0, 2x USB 3.1 Gen1 via PCIe x1, 2x USB 3.1 Type-C Gen2 via PCIe x4 (special bid only), 1x 2nd serial (9-pin), 4x serial (9-pin) via PCIe x1, 1x parallel (25-pin), 2x PS/2 ports (keyboard/mouse), 1x Thunderbolt 3 (combo USB3.1 Type-C Gen 2 / DisplayPort) via PCIe x4 (available on 09/30/2018), additional RJ-45 and video ports available on optional graphics or ethernet card

Audio support

High Definition (HD) Audio, Realtek ALC233VB2 / internal speaker (2 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, Intel vPro technology support, 2x2

Bluetooth

Some: Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Ethernet (Opt.)

Some: Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4
Some: Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1 (special bid only)

Manageability

Intel Active Management Technology 12 (Intel AMT 12);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Optional cable lock to physically lock both keyboard and mouse
- Optional chassis intrusion switch
- Optional chassis E-Lock (special bid)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black
Some: Lenovo Keyboard (PS/2 connector), black (only available via special bid)

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
Some: Lenovo Mouse (PS/2 connector), black (only available via special bid)

Mechanical

- SFF (8.4L), black color, metal case
- *(WxDxH)* 3.6" X 11.4" X 13.5"; 92.5mm X 290.5mm X 343.5mm
- Approx. 13.23 lb (6 kg), weight may vary by configuration
- Toolless cover, disk, optical, extension card removal
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 2.5", internal, HDD/SSD (optional bay)
Slot 1: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16
Slot 2: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x1
Slot 3: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16 (x4 signal)
Slot 4: no slot, only bracket for optional port extension
M.2 card slots: Two (one for WLAN, one for SSD/Optane)

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU
Some: 260 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV low noise verified (coming soon, on some models), RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optional Bay	Front Access HDD	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Chassis E-Lock	Cable Lock	Speaker	Dust Filter	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	Ann Date (mm/yy)
10SJ000GUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000HUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ000JUS	US	i5-8500	vPro	Intel UHD 630	None	4GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000KUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000LUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000MUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000NUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ000PUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000QUS	US	i7-8700	vPro	GT 730 2GB	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ000RUS	US	i5-8500	vPro	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ000SUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000TUS	US	i7-8700	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ000UUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ000VUS	US	i5-8500	vPro	Intel UHD 630	None	4GBx1	500GB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000WUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ000XUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ000YUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ0010US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SJ0011US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SJ002XUS	US	i7-8700	vPro	Intel UHD 630	None	16GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage (HDD/SSD)	Optional Bay	Front Access HDD	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Chassis E-Lock	Cable Lock	Speaker	Dust Filter	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	Ann Date (mm/yy)
10SJ002YUS	US	i7-8700	vPro	Intel UHD 630	None	16GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Stand	USB / USB	210W 85%	None	Win10 Pro 64	3-year, Onsite	07/18

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ThinkCentre M920 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900T	2 / 2	2.9G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400T	2 / 4	3.1G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500T	2 / 4	3.2G	4 MB	DDR4-2400	UHD 630
Core i3-8100T	4 / 4	3.1G	6 MB	DDR4-2400	UHD 630
Core i3-8300T	4 / 4	3.2G	8 MB	DDR4-2400	UHD 630
Core i5-8400T	6 / 6	1.7G / 3.3G	9 MB	DDR4-2666	UHD 630
Core i5-8500T	6 / 6	2.1G / 3.5G	9 MB	DDR4-2666	UHD 630
Core i5-8600T	6 / 6	2.3G / 3.7G	9 MB	DDR4-2666	UHD 630
Core i7-8700T	6 / 12	2.4G / 4.0G	12 MB	DDR4-2666	UHD 630

Memory

32GB max, DDR4-2666*, two 260-pin SO-DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM, slim (9.0mm), via USB external ODD box
Some: DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box

Onboard SATA

One onboard SATA 6.0Gb/s connector

Graphics

Intel HD Graphics 610/630 in processor, uses main memory, DirectX® 12, one DisplayPort™, one HDMI, one optional video port (2nd HDMI, VGA, 2nd DP, or USB 3.1 Type-C Gen1 with DisplayPort function), up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 4096x2160 (onboard HDMI)@24Hz; 2048x1536 (VGA)@50Hz

Monitor cable

Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle

Chipset

Intel Q370 Chipset

Front ports (Std.)

one USB 3.1 Gen1 (Always On and fast charge), one USB 3.1 Type-C Gen 1, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports (Std.)

2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x ethernet (RJ-45), 1x DisplayPort, 1x HDMI

Rear ports (Opt.)

Two optional ports (mutually exclusive with PCIe card): Port 1 for VGA / 2nd DP / 2nd HDMI / serial / USB 3.1 Type-C Gen 1 with DP function); Port 2 for serial;
Optional ports via PCIe card: 2x USB 3.1 Gen1 via PCIe x1, 4x serial (9-pin) via PCIe x1, 1x Thunderbolt 3 (combo USB3.1 Type-C Gen 2 / DisplayPort) via PCIe x4 (available on 09/30/2018)

Audio support

Realtek ALC233VB2 / optional internal speaker (1.5 watt or 2 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, Intel vPro technology support, 2x2

Bluetooth

Some: Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Ethernet (Opt.)

Some: Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4

Manageability

Intel Active Management Technology 12 (Intel AMT 12);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Chassis intrusion switch
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open (need optional toolless chanssis screw)
- Toolless HDD, SSD, memory removal
- Optional dust filter

one 2.5" bay for HDD/SSD, one PCIe 3.0 x8 slot (low-profile), two M.2 slots (one for WLAN, one for M.2 SSD), 2.5" HDD/SSD and PCIe card are mutually exclusive

	Dimensions (WxDxH)	Weight (Approx.)
Tiny only	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.91 lb (1.32 kg), vary by config
With VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	3.66 lb (1.66 kg), vary by config

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 65 watts AC/DC adapter, autosensing, 88% PSU
Some: 90 watts AC/DC adapter, autosensing, 88% PSU
Some: 135 watts AC/DC adapter, autosensing, 88% PSU

Limited warranty

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)
- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn
- Intel Unite (Machine Type 10V8 models only)

Environment

ENERGY STAR® 7.0, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV ultra low noise verified (coming soon, on some models), RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10RS000MUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS000PUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS000QUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS000RUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS000TUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS000UUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS000VUS	US	i7-8700T	vPro	Intel UHD 630	None	16GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS000XUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS000YUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0010US	US	i7-8700T	vPro	Intel UHD 630	None	16GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0012US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0013US	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0014US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0015US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0017US	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0018US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001BUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001CUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001GUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001HUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10RS001JUS	US	Core i5-8500T	vPro	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001KUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001LUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001MUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001NUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001PUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001QUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001RUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001SUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001TUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001UUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001VUS	US	Core i5-8500T	vPro	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001WUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001XUS	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	90W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS001YUS	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	None	4 Serial	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0020US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0021US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0022US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0023US	US	i7-8700T	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0024US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	I350-T4 + Integrated	None	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10RS0025US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10RS0026US	US	Core i5-8500T	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	65W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18

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ThinkCentre M920 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630

Memory

64GB max, UDIMM, DDR4-2666*, four 288-pin DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM, SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

Four onboard SATA 6.0Gb/s connectors, RAID 0/1 support (RAID preset only available via special bid model)

Media reader

Optional 7-in-1 media reader

Graphics

Intel UHD Graphics 610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;
Some: **NVIDIA Geforce GTX 1060** (special bid only), DirectX 12, 6GB, PCIe 3.0 x16 adapter, 1x DVI-D, 1x HDMI, 3x DP, 120 watts, occupies two slots;
Max resolution: 2560x1600 (DVI-D)@60Hz; 4096x2160 (HDMI)@60Hz 5120x3200 (DP)@60Hz

Monitor Cable

Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle

Chipset

Intel Q370 Chipset

Front ports (Std.)

2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x USB 3.1 Type-C Gen1 (15W charging), 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)

Front ports (Opt.)

Optional: 1x media reader

Rear ports (Std.)

4x USB 3.1 Gen1, 1x serial (9-pin), 1x ethernet (RJ-45), 1x VGA, 2x DisplayPort, 1x line-out (3.5mm)

Rear ports (Opt.)

Optional: 2x USB 2.0, 2x USB 3.1 Gen1 via PCIe x1, 2x USB 3.1 Type-C Gen2 via PCIe x4 (special bid only), 1x 2nd serial (9-pin), 4x serial (9-pin) via PCIe x1, 1x parallel (25-pin), 2x PS/2 ports (keyboard/mouse), 1x Thunderbolt 3 (combo USB3.1 Type-C Gen 2 / DisplayPort) via PCIe x4, additional RJ-45 and video ports available on optional graphics or ethernet card

Audio support

High Definition (HD) Audio, Realtek ALC233VB2 / internal speaker (2 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Ethernet (Opt.)

Some: Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4
Some: Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1 (special bid only)

Manageability

Intel Active Management Technology 12 (Intel AMT 12);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Optional cable lock to physically lock both keyboard and mouse
- Optional chassis intrusion switch
- Optional chassis E-Lock
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black
Some: Lenovo Keyboard (PS/2 connector), black (only available via special bid)

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
Some: Lenovo Mouse (PS/2 connector), black (only available via special bid)

Mechanical

- Tower (18L), black color, metal case
- *(WxDxH)* 6.5" X 12.65" X 16.15"; 165mm X 321.35mm X 410.25mm
- Approx. 15.45 lb (7 kg), weight may vary by configuration
- Toolless cover, disk, optical, extension card removal
- Optional carry handle, dust filter

Bay 1: Slim external ODD bay
Bay 2: 5.25", 1.6" high, external, ODD / optional front access HDD
Bay 3: 3.5", 1" high, internal, HDD/SSD
Bay 4: 3.5", 1" high, internal, HDD/SSD (optional bay, bay comes with disk)
Bay 5: 2.5", internal, HDD/SSD (optional bay)
Notes: M920 Tower supports up to 3 SATA devices (ODD/HDD/SSD) and 1 eSATA device (front access HDD)
Slot 1: full-length (< 268mm) full-height (< 112mm), PCIe 3.0 x16
Slot 2: full-length (< 268mm) full-height (< 112mm), PCIe 3.0 x1
Slot 3: full-length (< 268mm) full-height (< 112mm), PCIe 3.0 x16 (x4 signal)
Slot 4: no slot, only bracket for optional port extension
M.2 card slots: Two (one for WLAN, one for SSD/Optane)

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 250 watts, autosensing, 85% PSU
Some: 400 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV low noise verified (coming soon, on some models), RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optional Bay	Front Access HDD	Optical	Media Reader	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Chassis Intrusion Switch	Chassis E-Lock	Cable Lock	Speaker	Dust Filter	Carry Handle	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	Operating System	Warranty	Ann Date (mm/yy)
10SF0002US	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 3.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SF0003US	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SF0004US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 3.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF0005US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SF0006US	US	i7-8700	vPro	GT 730 2GB	None	8GBx1	1TB 7200rpm 3.5"	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF0007US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF0008US	US	i5-8500	vPro	Intel UHD 630	None	4GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF0009US	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SF000AUS	US	i7-8700	vPro	GT 730 2GB	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF000BUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SF000CUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 3.5"	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	06/18
10SF000DUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF000EUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF000FUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 3.5"	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF000GUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF000HUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	Optional 3.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18
10SF002CUS	US	i7-8700	vPro	Intel UHD 630	None	16GBx1	512GB SSD M.2 PCIe NVMe Opal	Optional 2.5" bay	None	DVD±RW	None	None	Integrated	None	None	None	None	2Wx1	None	Carry Handle	None	USB / USB	250W 85%	None	Win10 Pro 64	3-year, Onsite	07/18

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ThinkCentre M920x Tiny Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630
Celeron G4900T	2 / 2	2.9G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400T	2 / 4	3.1G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500T	2 / 4	3.2G	4 MB	DDR4-2400	UHD 630
Core i3-8100T	4 / 4	3.1G	6 MB	DDR4-2400	UHD 630
Core i3-8300T	4 / 4	3.2G	8 MB	DDR4-2400	UHD 630
Core i5-8400T	6 / 6	1.7G / 3.3G	9 MB	DDR4-2666	UHD 630
Core i5-8500T	6 / 6	2.1G / 3.5G	9 MB	DDR4-2666	UHD 630
Core i5-8600T	6 / 6	2.3G / 3.7G	9 MB	DDR4-2666	UHD 630
Core i7-8700T	6 / 12	2.4G / 4.0G	12 MB	DDR4-2666	UHD 630

Memory

32GB max, DDR4-2666*, two 260-pin SO-DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 SSD (support up to two M.2 SSD) / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s, RAID 0/1 support (RAID preset only available via special bid model)
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM, slim (9.0mm), via USB external ODD box
Some: DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box

Onboard SATA

One onboard SATA 6.0Gb/s connector

Graphics

Intel HD Graphics 610/630 in processor, uses main memory, DirectX® 12, one DisplayPort™, one HDMI, one optional video port (2nd HDMI, VGA, 2nd DP, or USB 3.1 Type-C Gen1 with DisplayPort function), up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 4096x2160 (onboard HDMI)@24Hz; 2048x1536 (VGA)@50Hz
Some: **AMD Radeon™ RX 560**, DirectX 12, 4GB GDDR5, PCIe 3.0 x8 adapter, 4x Mini DisplayPort, up to 4 independent displays, works along with onboard DP and HDMI to support up to 6 independent displays;
Max resolution: 5120x2880@60Hz ((up to 2 Mini DisplayPort); 4096x2160@60Hz ((up to 4 Mini DisplayPort)

Monitor cable

Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle, Mini DP to DP

Chipset

Intel Q370 Chipset

Front ports (Std.)

one USB 3.1 Gen1 (Always On and fast charge), one USB 3.1 Type-C Gen 1, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports (Std.)

2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x ethernet (RJ-45), 1x DisplayPort, 1x HDMI

Rear ports (Opt.)

Two optional ports (mutually exclusive with PCIe card): Port 1 for VGA / 2nd DP / 2nd HDMI / serial / USB 3.1 Type-C Gen 1 with DP function); Port 2 for serial;
Optional ports via PCIe card: 2x USB 3.1 Gen1 via PCIe x1, 4x serial (9-pin) via PCIe x1, 1x Thunderbolt 3 (combo USB3.1 Type-C Gen 2 / DisplayPort) via PCIe x4 (available on 09/30/2018)

Audio support

Realtek ALC233VB2 / optional internal speaker (1.5 watt or 2 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, Intel vPro technology support, 2x2

Bluetooth

Some: Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®

Ethernet (Opt.)

Some: Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4

Manageability

Intel Active Management Technology 12 (Intel AMT 12);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Chassis intrusion switch
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
- Toolless chanssis open (need optional toolless chanssis screw)
- Toolless HDD, SSD, memory removal
- Optional dust filter

one 2.5" bay for HDD/SSD, one PCIe 3.0 x8 slot (low-profile), three M.2 slots (one for WLAN, two for M.2 SSD), 2.5" HDD/SSD and PCIe card are mutually exclusive

	Dimensions (WxDxH)	Weight (Approx.)
Tiny only	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.91 lb (1.32 kg), vary by config
With VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	3.66 lb (1.66 kg), vary by config

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

135 watts AC/DC adapter, autosensing, 88% PSU

Limited warranty

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)
- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 7.0, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV ultra low noise verified (coming soon, on some models), RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10S10000US	US	i7-8700	vPro	Intel UHD 630	None	16GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10001US	US	i7-8700	vPro	Intel UHD 630	None	16GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10002US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10003US	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10004US	US	i7-8700T	vPro	AMD RX 560 4GB	4x Mini DP to DP	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10005US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10006US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10007US	US	Core i5-8500T	vPro	AMD RX 560 4GB	4x Mini DP to DP	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10008US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10009US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000AUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000BUS	US	i7-8700T	vPro	AMD RX 560 4GB	4x Mini DP to DP	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000CUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000DUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000EUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000FUS	US	i7-8700	vPro	Intel UHD 630	None	16GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000GUS	US	i7-8700T	vPro	AMD RX 560 4GB	4x Mini DP to DP	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000HUS	US	i7-8700	vPro	Intel UHD 630	None	16GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10S1000JUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000KUS	US	Core i5-8500T	vPro	AMD RX 560 4GB	4x Mini DP to DP	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000LUS	US	Core i5-8500T	vPro	AMD RX 560 4GB	4x Mini DP to DP	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	None	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000MUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000SUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000TUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000UUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000VUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000WUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000XUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	16GB Optane Memory + 1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1000YUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd HDMI	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S10010US	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	1TB 7200rpm 2.5"	None	9560 ac, 2x2 + BT5.0	Integrated	2nd DP	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1001MUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1001NUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1001PUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1001QUS	US	i7-8700	vPro	Intel UHD 630	None	16GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1001RUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	512GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1001SUS	US	i7-8700	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Ethernet	Optional Rear Ports	Extension Card	Kensington Cable Lock	Adapter Cage	Toolless Chassis Screw	Speaker	Dust Filter	VESA Mount	Stand	Keyboard / Mouse	Power Supply	TUV Low Noise	OS	War-ranty	Ann Date (m/y)
10S1001TUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	1TB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	Type-C	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18
10S1001UUS	US	i5-8500	vPro	Intel UHD 630	None	8GBx1	256GB SSD M.2 PCIe NVMe Opal	None	9560 ac, 2x2 + BT5.0	Integrated	VGA + Serial	None	None	None	None	1.5Wx1	None	None	Stand	USB / USB	135W 88% Adapter	None	Win10 Pro 64	3-year, Onsite	07/18

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ThinkSmart Hub 500 Platform Specifications

Positioning	Purpose-built Skype Room Systems device
Processor	7th Gen Intel Core™ i5 Processor with vPro

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Core i5-7500T	4 / 4	2.7G / 3.3G	6 MB	DDR4-2400	HD 630

Memory	4GBx2, DDR4-2400, two 260-pin SO-DIMM sockets, dual-channel capable
Storage	128GB M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Graphics	**Intel HD Graphics 630** in processor, uses main memory, DirectX® 12
Display	**11.6"** (294.64mm) **Full HD 1080p (1920x1080) TFT color**, wide viewing angle (+/-85°), LED backlight, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, anti-glare, smudge resistant
Multi-touch	Supports 10-point touch, OGS
Sensor	IR Presence/Motion sensor, automatically dim / brighten display (Detection angle: +/- 45% (from display); detection distance: 3 meters at minimum)
LED indicators	360 degree LED ring on hinge neck, indicates Skype status for all users in the room; power LED on power button
Chipset	**Intel Q270 Chipset**
Ports	Four USB 3.1 Gen1(Type A), two HDMI-out, one HDMI-in (1920x1080@60Hz at maximum), one ethernet (RJ-45), one headphone / microphone combo jack (3.5mm), one power connector
M.2 card slot	Two M.2 Card slots (one for WLAN, one for SSD)
Audio support	Dual 4W speakers, 2 omnidirectional microphones for 360 degree audio capture
WLAN[13]	11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265,Wi-Fi + Bluetooth 4.1* combo adapter, Intel vPro technology support, 2x2
Bluetooth™	Bluetooth 4.1* wireless, integrated in Wi-Fi + Bluetooth combo adapter * Hardware supports Bluetooth 4.2, but Win10 RS3 only supports Bluetooth 4.1
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®
Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0), Intel vPro technology
Security chip	TPM (Trusted Platform Module) 2.0, TCG Certified
Security features	● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Secure cable management door ● Power-on, admin, hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement
Keyboard	None
Mouse	None
Mechanical	● Business black color ● *(WxDxH)* 7.60" X 10.98" X 7.02"; 193.25mm X 278.9mm X 178.45mm ● Approx. 5.51 lb (2.5 kg) ● Secure Cable Management Door, secures physical ports and prevents cables being accidentally disconnected ● 360 degree rotatable Display
Power supply	90 watts adapter, autosensing, 88% efficiency
Limited warranty[3]	**3-year**, **limited onsite service** / service upgrades available
Preload	**Preloaded operating system** Windows® 10 IoT Enterprise CBB X64 (RS3) **Preloaded applications** Microsoft Skype Room Systems App
Certification	Skype for Business Group Certified
Environment	ErP Lot 26, GREENGUARD® certified, RoHS, WEEE
Accessories	For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Power Supply	Storage(HDD/SSD)	WLAN + Bluetooth	Keyboard / Mouse	Operating System	Warranty	End of Support	Ann Date (m/y)
10V50000US	US	i5-7500T	vPro	Intel HD 630	None	4GBx2	11.6" FHD (1920x1080) WVA Anti-glare, smudge resistant	10-point Multi-touch	90W 88% Adapter	128GB SSD M.2 PCIe NVMe	8265 ac, 2x2, vPro + BT4.1	None / None	Windows 10 IoT Enterprise	3-year, Onsite	May 28, 2024	02/18

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ThinkCentre Tiny-in-One (TIO) 22

Model	10LKPAR6++ / 10LKPAT6++
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO 22, clean cabling and effortless setup
Compatible Tiny:	M900 Tiny, M700 Tiny, M600 Tiny, M93/p Tiny*, M83 Tiny, M73 Tiny*, or M53 Tiny, Chromebox * Non-TIO models can't be turned on by pressing power button of TIO 22
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	21.5" (546.1mm) diagonal
Max view area (W x H)	18.74" x 10.54" / 476.06mm x 267.79mm
Bezel Width	Top / Side: 2mm, Bottom: 16.3mm
Optimum resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.24795mm
Dot/Pixel per Inch	102.4 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms
Color gamut	72%
Anti-reflective	Anti-glare
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz
Presets / user settings	Presets: 25; user settings: 25
On screen display	On screen display with digital user controls (8 languages)
Control features	Mode-switching (TIO mode / standalone monitor mode, switches video / audio / USB input sources) / Back button, Left shift button, Right shift / Brightness button, Selection button / Menu button, Power button
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)
Front ports	Two USB 3.0 or two USB 2.0 (when M73 or M53 installed or USB 2.0 connected via USB upstream port), one headphone / microphone combo jack (3.5mm) * The USB ports are only available when a Tiny is istalled or a PC is connected via USB upstream port
Side ports	Side ports offered by installed Tiny (optional)
Rear ports	One DisplayPort 1.2 port, one USB upstream port, one power connector
3-in-1 Cable	Undetachable 3-in-1 cable (Power connecter, USB 3.0 [supports USB 3.0/ USB 2.0], DisplayPort 1.2), only for connecting to Tiny installed (optional)
Internal Speaker	1.5 watt x1
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny with TIO 22 together, more security features offered by Tiny installed (optional)

Mechanical

Dimensions	TIO 22 without stand	TIO 22 with stand
W x D x H (inch)	19.25 x 2.65 x 12.47	19.25 x 9.90 x 14.02 - 18.35
W x D x H (mm)	489.06 x 67.2 x 316.78	489.06 x 251.4 x 356.07 - 466.07

Weight (approximately)	11.27 lb /5.11 kg (with stand)

Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Adjustable stand	*Tilt:* 35° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°
Power supply	90 watts AC/DC adapter, 88% PSU, universal
Power consumption	15.57 watts typical, 35 watts maximum, <0.5 watts standby / suspend
Limited warranty[3]	**3-years**, Customer Carry-In or Mail-In via Rapid Replacement Service
VESA-compliant[2]	VESA DDC2B/CI, VESA DPMS-compliant
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO 7.0, TCO Edge 2.0, WEEE, RoHS, ENERGY STAR® 7.0 EPEAT™ Gold rating, ULE Gold, TUV, VOC
Windows certifications	Windows 7, Windows 8/8.1, and Windows 10 certified
Ship group	TIO 22 (Monitor), detachable stand, AC/DC power adapter, power cord, user's guide and driver CD, quick start and safety poster
Accessories	For compatible accessories, please go to **http://www.lenovoquickpick.com**

ThinkCentre Tiny-in-One 22 Compatible list			
Model	M900 Tiny, M700 Tiny, M600 Tiny, M83 Tiny, M53 Tiny	M93/p Tiny, M73 Tiny	Chromebox
Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	Not support
Turn on TIO and Tiny together via TIO Power Button	All models	TIO models	All models

See footnotes for more detailed information

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Model	Region	Color	Display Size	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10LKPAR6US	US	Black	21.5"	1920x1080	16:9	0.24795 mm	102.4 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	15.57W / 35W	90W 88% Adapter	3-year	04/16
10LKPAT6US	US	Black	21.5"	1920x1080	16:9	0.24795 mm	102.4 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	15.57W / 35W	90W 88% Adapter	3-year	04/16

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ThinkCentre Tiny-in-One (TIO) 22 Gen3

Model	*Non-touch model:* 10R1PAR1++/10R1PAT1++; *Touch model:* 10R0PAR1++/10R0PAT1++
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO, clean cabling and effortless setup
Compatible Tiny:	M910 / M710 / M900 / M700 / M600 / M715 / M93/p* / M83 / M73* / M53 / Chromebox Tiny * Non-TIO models can't be turned on by pressing power button of TIO
Panel	TFT-LCD, In-Plane Switching technology**, White LED backlight *Notes:* In-Plane Switching may refer to VA, PLS, and IPS panels
Viewable image size	21.5" (546.1mm) diagonal
Max view area (W x H)	18.74" x 10.54" / 476.1mm x 267.8mm
Bezel Width	Top / Side: 2mm, Bottom: 22.1mm
Native resolution	**1920x1080**
Multi-touch	Optional 10-point multi-touch, supports Wake on Touch
Aspect ratio	16:9
Pixel pitch (mm)	0.24795mm
Dot/Pixel per Inch	102.4 dpi
Brightness	250 nits or cd/m² (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	14ms (default), over drive to 4ms, 6ms
Color gamut	72%
Anti-reflective	Anti-glare
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz
Presets / user settings	Presets: 25; user settings: 25
On screen display	On screen display with digital user controls (8 languages)
Control features	*Ftont:* Exit button, Left / Mode-switching button (TIO / monitor mode), Right / Brightness button, Enter / Menu button, Power button *Bottom:* Volume up button, Volume down button
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)
Side ports (TIO)	One USB 3.1 Gen1 / USB 2.0 (when M73 or M53 installed or USB 2.0 connected via USB upstream port) *Notes:* The USB port is only available when a Tiny is istalled or a PC is connected via USB upstream port
Side ports (Tiny)	Side ports offered by installed Tiny (optional)
Rear ports	One DisplayPort in port, one USB upstream port, one power connector
3-in-1 Cable	Undetachable 3-in-1 cable (Power connecter, USB [supports USB 3.1 Gen1 / USB 2.0], DisplayPort), only for connecting to Tiny installed (optional)
Camera	720p camera with dual microphone for VOIP, LED indicator
Internal Speaker	2 watt x2
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny with TIO together, more security features offered by Tiny installed (optional)

Mechanical

Dimensions	TIO without stand	TIO with stand
W x D x H (inch)	19.26 x 2.85 x 13.35	19.26 x 10.76 x 14.59 - 18.93
W x D x H (mm)	489.3 x 72.5 x 339	489.3 x 273.3 x 370.7 - 480.7
Weight (Approx.)	7.01 lb / 3.19 kg	11.77 lb / 5.34 kg

Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Adjustable stand	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; *Pivot:* clockwise 0° to 90°
Power supply Power consumption	90 watts AC/DC adapter, 88% PSU, universal 19 watts typical, 32 watts maximum, <0.5 watts standby / suspend
Limited warranty	**3-years**, Customer Carry-In or Mail-In via Rapid Replacement Service
VESA-compliant Ergonomics Emission standards Environmental	VESA DDC2B/CI, VESA DPMS-compliant ISO 9241-307, TUV Eye Comfort certified FCC Class B TCO 7.0, TCO Edge 2.0, WEEE, RoHS, ENERGY STAR® 7.0, EPEAT™ Gold rating, ULE Gold, TUV, VOC
Windows certifications	Windows 7 and Windows 10 certified
Ship group	TIO (Monitor), detachable stand, AC/DC power adapter, power cord, user's guide and driver CD, quick start and safety poster
Accessories	For compatible accessories, please go to **http://www.lenovoquickpick.com**

ThinkCentre Tiny-in-One 22 Gen3 Compatible list

Model	M910 / M710 / M900 / M700 / M600 / M715 / M83 / M53 Tiny	M93/p Tiny, M73 Tiny	Chromebox
Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	Not support
Turn on TIO and Tiny together via TIO Power Button	All models	TIO models	All models

Model	Product	Region	Color	Display Size	Multi-touch	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10R0PAR1US	ThinkCentre Tiny-in-One 22 Gen3	US	Black	21.5"	10-point Multi-touch	1920x1080	16:9	0.24795 mm	102.4 dpi	250 nits	1000:1	4-14 ms	72%	178 / 178	Adjustable Stand	19W / 32W	90W 88% Adapter	3-year	07/17
10R0PAT1US	ThinkCentre Tiny-in-One 22 Gen3	US	Black	21.5"	10-point Multi-touch	1920x1080	16:9	0.24795 mm	102.4 dpi	250 nits	1000:1	4-14 ms	72%	178 / 178	Adjustable Stand	19W / 32W	90W 88% Adapter	3-year	07/17

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Model	Product	Region	Color	Display Size	Multi-touch	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10R1PAR1US	ThinkCentre Tiny-in-One 22 Gen3	US	Black	21.5"	None	1920x1080	16:9	0.24795 mm	102.4 dpi	250 nits	1000:1	4-14 ms	72%	178 / 178	Adjustable Stand	19W / 32W	90W 88% Adapter	3-year	07/17
10R1PAT1US	ThinkCentre Tiny-in-One 22 Gen3	US	Black	21.5"	None	1920x1080	16:9	0.24795 mm	102.4 dpi	250 nits	1000:1	4-14 ms	72%	178 / 178	Adjustable Stand	19W / 32W	90W 88% Adapter	3-year	07/17

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ThinkCentre Tiny-in-One (TIO) 24

Model	10LLPAR6++ / 10LLPAT6++
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO 24, clean cabling and effortless setup
Compatible Tiny:	M900 Tiny, M700 Tiny, M600 Tiny, M93/p Tiny*, M83 Tiny, M73 Tiny*, or M53 Tiny, Chromebox * Non-TIO models can't be turned on by pressing power button of TIO 24
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	23.8" (604.7mm) diagonal
Max view area (W x H)	21.06" x 12.32" / 535.0mm x 313.0mm
Bezel Width	Top / Side: 2mm, Bottom: 16.3mm
Optimum resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745mm
Dot/Pixel per Inch	92.6 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms
Color gamut	72%
Anti-reflective	Anti-glare
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz
Presets / user settings	Presets: 25; user settings: 25
On screen display	On screen display with digital user controls (8 languages)
Control features	Mode-switching (TIO mode / standalone monitor mode, switches video / audio / USB input sources) / Back button, Left shift button, Right shift / Brightness button, Selection button / Menu button, Power button
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)
Front ports	Two USB 3.0 or two USB 2.0 (when M73 or M53 installed or USB 2.0 connected via USB upstream port), one headphone / microphone combo jack (3.5mm) * The USB ports are only available when a Tiny is istalled or a PC is connected via USB upstream port
Side ports	Side ports offered by installed Tiny (optional)
Rear ports	One DisplayPort 1.2 port, one USB upstream port, one power connector
3-in-1 Cable	Undetachable 3-in-1 cable (Power connecter, USB 3.0 [supports USB 3.0/ USB 2.0], DisplayPort 1.2), only for connecting to Tiny installed (optional)
Internal Speaker	1.5 watt x1
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny with TIO 24 together, more security features offered by Tiny installed (optional)

Mechanical

Dimensions	TIO 24 without stand	TIO 24 with stand
W x D x H (inch)	21.24 x 2.7 x 13.64	21.24 x 9.90 x 15.16 - 19.46
W x D x H (mm)	539.6 x 68.2 x 346.45	539.6 x 251.4 x 385.08 - 495.08

Weight (approximately)	12.25 lb /5.57 kg (with stand)

Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Adjustable stand	*Tilt:* 35° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°
Power supply	90 watts AC/DC adapter, 88% PSU, universal
Power consumption	16.7 watts typical, 35 watts maximum, <0.5 watts standby / suspend
Limited warranty[3]	**3-years**, Customer Carry-In or Mail-In via Rapid Replacement Service
VESA-compliant[2]	VESA DDC2B/CI, VESA DPMS-compliant
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO 7.0, TCO Edge 2.0, WEEE, RoHS, ENERGY STAR® 7.0 EPEAT™ Gold rating, ULE Gold, TUV, VOC
Windows certifications	Windows 7, Windows 8/8.1, and Windows 10 certified
Ship group	TIO 24 (Monitor), detachable stand, AC/DC power adapter, power cord, user's guide and driver CD, quick start and safety poster
Accessories	For compatible accessories, please go to **http://www.lenovoquickpick.com**

ThinkCentre Tiny-in-One 24 Compatible list			
Model	M900 Tiny, M700 Tiny, M600 Tiny, M83 Tiny, M53 Tiny	M93/p Tiny, M73 Tiny	Chromebox
Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	Not support
Turn on TIO and Tiny together via TIO Power Button	All models	TIO models	All models

See footnotes for more detailed information

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Model	Region	Color	Display Size	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10LLPAR6US	US	Black	23.8"	1920x1080	16:9	0.2745 mm	92.6 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	16.7W / 35W	90W 88% Adapter	3-year	05/16
10LLPAT6US	US	Black	23.8"	1920x1080	16:9	0.2745 mm	92.6 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	16.7W / 35W	90W 88% Adapter	3-year	05/16

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ThinkCentre Tiny-in-One (TIO) 24 Gen3

Model	*Non-touch model:* 10QYPAR1++/10QYPAT1++; *Touch model:* 10QXPAR1++/10QXPAT1++
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO, clean cabling and effortless setup
Compatible Tiny:	M910 / M710 / M900 / M700 / M600 / M715 / M93/p* / M83 / M73* / M53 / Chromebox Tiny * Non-TIO models can't be turned on by pressing power button of TIO
Panel	TFT-LCD, In-Plane Switching technology**, White LED backlight *Notes:* In-Plane Switching may refer to VA, PLS, and IPS panels
Viewable image size	23.8" (604.7mm) diagonal
Max view area (W x H)	21.06" x 12.32" / 535.0mm x 313.0mm
Bezel Width	Top / Side: 2mm, Bottom: 22.1mm
Native resolution	**1920x1080**
Multi-touch	Optional 10-point multi-touch, supports Wake on Touch
Aspect ratio	16:9
Pixel pitch (mm)	0.2745mm
Dot/Pixel per Inch	92.6 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	14ms (default), over drive to 4ms, 6ms
Color gamut	72%
Anti-reflective	Anti-glare
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 67Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz
Presets / user settings	Presets: 25; user settings: 25
On screen display	On screen display with digital user controls (8 languages)
Control features	Ftont: Exit button, Left / Mode-switching button (TIO / monitor mode), Right / Brightness button, Enter / Menu button, Power button Bottom: Volume up button, Volume down button
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)
Side ports (TIO)	One USB 3.1 Gen1 / USB 2.0 (when M73 or M53 installed or USB 2.0 connected via USB upstream port) *Notes:* The USB port is only available when a Tiny is istalled or a PC is connected via USB upstream port
Side ports (Tiny)	Side ports offered by installed Tiny (optional)
Rear ports	One DisplayPort in port, one USB upstream port, one power connector
3-in-1 Cable	Undetachable 3-in-1 cable (Power connecter, USB [supports USB 3.1 Gen1 / USB 2.0], DisplayPort), only for connecting to Tiny installed (optional)
Camera	1080p camera with dual microphone for VOIP, LED indicator
Internal Speaker	2 watt x2
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny with TIO together, more security features offered by Tiny installed (optional)

Mechanical

Dimensions	TIO without stand	TIO with stand
W x D x H (inch)	21.25 x 2.85 x 14.47	21.25 x 11.11 x 15.72 - 20.06
W x D x H (mm)	539.8 x 72.5 x 367.6	539.8 x 282.3 x 399.4 - 509.4
Weight (Approx.)	7.96 lb /3.61 kg	12.92 lb /5.86 kg

Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Adjustable stand	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; *Pivot:* clockwise 0° to 90°
Power supply	90 watts AC/DC adapter, 88% PSU, universal
Power consumption	19 watts typical, 32 watts maximum, <0.5 watts standby / suspend
Limited warranty	**3-years**, Customer Carry-In or Mail-In via Rapid Replacement Service
VESA-compliant	VESA DDC2B/CI, VESA DPMS-compliant
Ergonomics	ISO 9241-307, TUV Eye Comfort certified
Emission standards	FCC Class B
Environmental	TCO 7.0, TCO Edge 2.0, WEEE, RoHS, ENERGY STAR® 7.0, EPEAT™ Gold rating, ULE Gold, TUV, VOC
Windows certifications	Windows 7 and Windows 10 certified
Ship group	TIO 24 (Monitor), detachable stand, AC/DC power adapter, power cord, user's guide and driver CD, quick start and safety poster
Accessories	For compatible accessories, please go to **http://www.lenovoquickpick.com**

ThinkCentre Tiny-in-One 24 Gen3 Compatible list

Model	M910 / M710 / M900 / M700 / M600 / M715 / M83 / M53 Tiny	M93/p Tiny, M73 Tiny	Chromebox
Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	Not support
Turn on TIO and Tiny together via TIO Power Button	All models	TIO models	All models

Model	Product	Region	Color	Display Size	Multi-touch	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10QXPAR1US	ThinkCentre Tiny-in-One 24 Gen3	US	Black	23.8"	10-point Multi-touch	1920x1080	16:9	0.2745 mm	92.6 dpi	250 nits	1000:1	4-14 ms	72%	178 / 178	Adjustable Stand	19W / 32W	90W 88% Adapter	3-year	07/17
10QXPAT1US	ThinkCentre Tiny-in-One 24 Gen3	US	Black	23.8"	10-point Multi-touch	1920x1080	16:9	0.2745 mm	92.6 dpi	250 nits	1000:1	4-14 ms	72%	178 / 178	Adjustable Stand	19W / 32W	90W 88% Adapter	3-year	07/17

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Model	Product	Region	Color	Display Size	Multi-touch	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10QYPAR1US	ThinkCentre Tiny-in-One 24 Gen3	US	Black	23.8"	None	1920x1080	16:9	0.2745 mm	92.6 dpi	250 nits	1000:1	4-14 ms	72%	178 / 178	Adjustable Stand	19W / 32W	90W 88% Adapter	3-year	07/17
10QYPAT1US	ThinkCentre Tiny-in-One 24 Gen3	US	Black	23.8"	None	1920x1080	16:9	0.2745 mm	92.6 dpi	250 nits	1000:1	4-14 ms	72%	178 / 178	Adjustable Stand	19W / 32W	90W 88% Adapter	3-year	07/17

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Warranty: For a copy of applicable warranties, write to: Lenovo Warranty Information, 1009 Think Place, Morrisville, NC, 27560. Lenovo makes no representation or warranty regarding third party products or services. The Lenovo Limited Warranty applies only to Lenovo hardware products purchased for your own use, and does not transfer upon resale.

Limited warranty: Support unrelated to a warranty issue may be subject to additional charges.

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Carry-in or Mail-in Service: Parts and labor repair coverage where the customer is responsible for shipping (including packaging) or delivery to authorized warranty provider or repair center.
Depot or Courier Service: Parts and labor repair coverage where shipping (including packaging) or delivery to the repair center is paid for by Lenovo.
Expedited Depot: Parts and labor coverage with expedited turnaround. Shipping (including packaging) or delivery to the repair center is paid for by Lenovo.
Onsite / In-home Service: Parts and labor repair coverage where labor is provided onsite at your place of business.
If Lenovo determines your product problem is covered by the product warranty and cannot be resolved over the telephone, a technician will be dispatched to arrive onsite, typically the next day.
International Warranty Service (IWS): PC repair coverage for customers who require a critical warranty repair while travelling internationally. Visit www.lenovo.com/internationalwarranty for details.
Visit www.lenovo.com/warranty for Lenovo Warranty Services terms and conditions for complete details and restrictions.

Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

Visit **http://psref.lenovo.com/** for the latest version of Product Specifications Reference.

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Notice

From now on, ThinkStation PSREF will introduce some improvements and fixes to enhance the customer experience.
In this release (version 528, announced on August 1, 2018), the following improvements changes are included.

1. In the EMEA region, list MTMs by country.

In the past, ThinkStation PSREF used wildcard for country code, e.g. “xx” is for EAST countries, then user can get the configuration of “30A60033xx” but user cannot know if this MTM can be available in all EAST countries. Now ThinkStation PSREF will list MTM as 30A60033BM/30A60033CX/30A60033CY, so user can know this MTM are available in Bulgaria, Hungary, Cyprus.

2. Introduce a customized PDF creator, remove MTMs from PDF version of ThinkStation PSREF

In the past. we have to remove some “unimportant“ features because we need to list all MTMs in PDF with letter paper size. Now we introduce a customized PDF creator and user can generate PDF by user-defined.

3. Show more detailed features

From ThinkStation P330 family, ThinkStation PSREF will show more detailed features, e.g. In ThinkStation P330 Tiny, we show Wi-Fi Wi-Fi antenna, Monitor Cable, Optional Rear Ports - via Punch out Cable, Optional Rear Ports - via PCIe Adapter and so on. We want to show more detailed information for our users.

4. It is only the beginning.

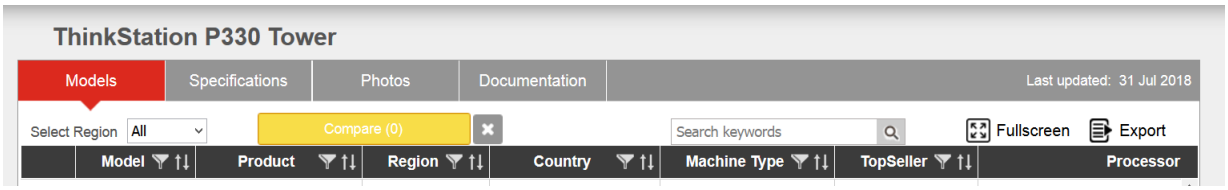
We want to keep improving. We’d love to hear our users. For any question and suggestion, please email to me: (Houyf@lenovo.com).

Guide

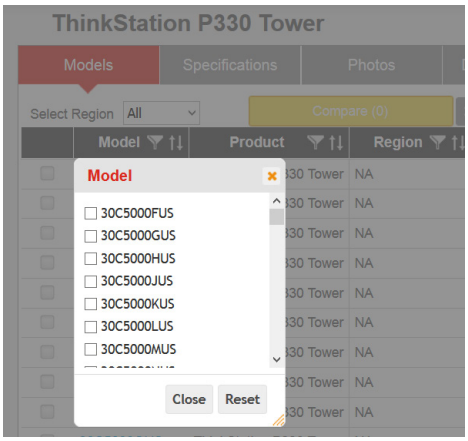
for Download MTM List in PDF or Excel

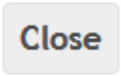
Please follow this guide to save a copy of MTM configuration so that user can share, forward, and print.

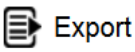
1. Visit PSREF website and navigate to the product page you want:

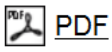


2. Click the funnel icon beside “Model” , a MTM list will be popup

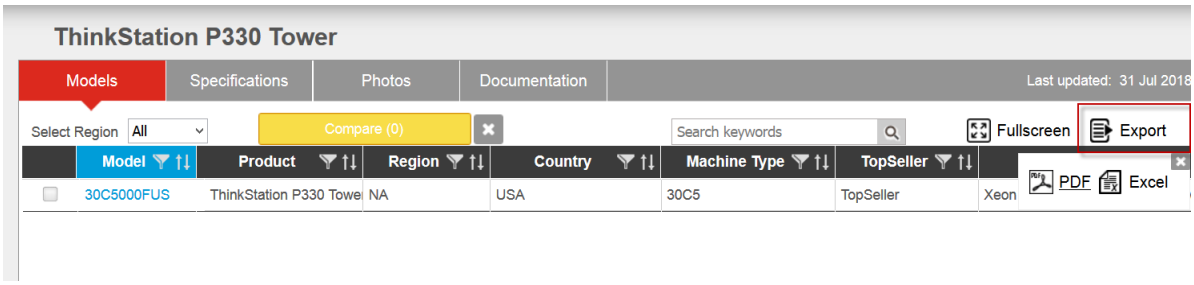


3 Select MTMs you want, then click “Close” button 

4. Click “Export” in the upper right quarter of the web page 

5. Click “PDF” 

in Export menu to download PDF file



6. Or click “Excel” in Export menu to download Excel spreadsheet. ***If you don’t filter MTMs in Step 2, the spreadsheet will include ALL MTMs of the specific product***

Below is a example, a PDF contains three pages - configuration, platform specification, and photo:

ThinkStation P330 Tower 30C5000FUS

Region NA	Cable Lock None
Country USA	System Management Intel AMT 12
Machine Type 30C5	Optional Front Ports None
TopSeller TopSeller	Optional Rear Ports 1x IEEE1394
Processor Xeon E-2136 6C/12T/3.3GHz/12MB/80W/DDR4-2666	Power Supply Fixed 400W Platinum
Memory 1x 16GB UDIMM DDR4-2666 ECC	Keyboard USB Full
Processor Graphics None	Mouse USB Optical
Discrete Graphics Card 1x Quadro P4000 8GB	Floor Stand for SFF None
Monitor Cable None	Operating System Windows 10 Pro 64 for Workstations
Disks 1x 1TB HDD 7.2K 3.5" SATA6Gbps	Warranty 3-year, Onsite
Flex Bay None	Global No
Optical 9.0mm DVD±RW	End of Support 2024/08/24
Optane Memory None	Ann Date (mmfyy) 2018/07/24
M.2 Drives None	
WLAN + Bluetooth None	Note: Country Code "US" is for United States, "+" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "ac" is for EAST countries (e.g. BM - Bulgaria, CY - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/EAST/MEA models listed above might not be available in all countries
Media Reader SD Reader	
Available Networking Ports 1x GbE	
Chassis Intrusion Switch Chassis Intrusion Switch	

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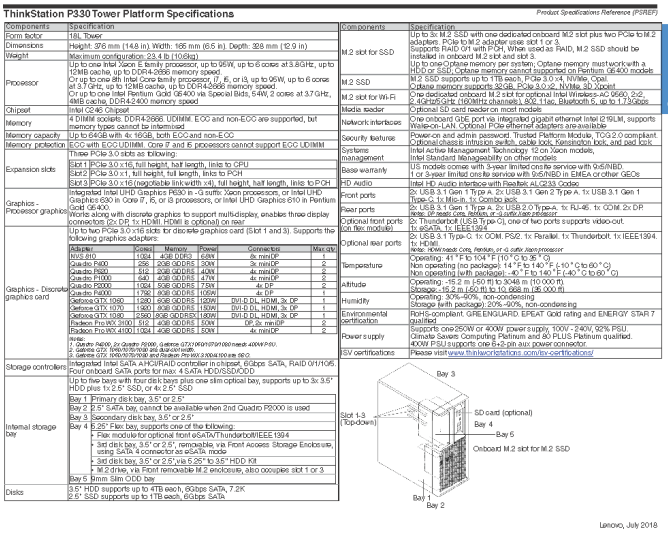
ThinkStation P330 Tower


ThinkStation P330 Tower Platform Specifications

Product Specifications Reference (PSREF)

Components	Specification
Form factor	Tiltt, Tower
Dimensions	Height: 376 mm (14.8 in). Width: 185 mm (6.5 in). Depth: 328 mm (12.9 in)
Weight	Maximum configuration: 23.4 lb (10.6kg)
Processor	Up to one Intel Xeon E family processor, up to 95W, up to 6 cores at 3.8GHz, up to 12MB cache, up to DDR4-2666 memory speed. Or up to one 8th Intel Core family processor, i7, i5, or i3, up to 95W, up to 6 cores at 3.7 GHz, up to 12MB cache, up to DDR4-2666 memory speed. Or up to one Intel Pentium Gold G5400 via Special Bids, 54W, 2 cores at 3.7 GHz, 4MB cache, DDR4-2400 memory speed.
Chipset	Intel C246 Chipset
Memory	4 DIMM sockets: DDR4-2666 UDIMM. ECC and non-ECC are supported, but memory types cannot be intermixed.
Memory capacity	Up to 64GB with 4x 16GB, both ECC and non-ECC
Memory protection	ECC with ECC UDIMM. Core i7 and i5 processors cannot support ECC UDIMM
Expansion slots	These PCIe 3.0 slots as following: Slot 1 PCIe 3.0 x16, full height, half length, links to CPU Slot 2 PCIe 3.0 x1, full height, full length, links to PCH Slot 3 PCIe 3.0 x16 (negotiable link with x4), full height, half length, links to PCH
Graphics - Processor graphics	Integrated Intel UHD Graphics P630 in -S suffix Xeon processors, or Intel UHD Graphics 630 in Core i7, i5, or i3 processors, or Intel UHD Graphics 610 in Pentium Gold G5400. Works along with discrete graphics to support multi-display, enables three display connectors (2x DP, 1x HDMI). HDMI is optional on rear.
Graphics - Discrete graphics card	Up to two PCIe 3.0 x16 slots for discrete graphics card (Slot 1 and 3). Supports the following graphics adapters:

Adapter	Cores	Memory	Power	Connectors	Max qty
NVS 810	1394	4GB DDR3	64W	4x miniDP	1
Quadro P400	256	2GB GDDR5	30W	3x miniDP	2
Quadro P600	384	2GB GDDR5	40W	4x miniDP	2
Quadro P1000	640	4GB GDDR5	47W	4x miniDP	2
Quadro P2000	1024	5GB GDDR5	75W	4x DP	2
Quadro P4000	1792	8GB GDDR5	105W	4x DP	1
GeForce GTX 1060	1280	6GB GDDR5	120W	DVI-D DL, HDMI, 3x DP	1
GeForce GTX 1070	1920	8GB GDDR5	150W	DVI-D DL, HDMI, 3x DP	1
GeForce GTX 1080	2560	8GB GDDR5X	180W	DVI-D DL, HDMI, 3x DP	1
Radeon Pro WX 3100	512	4GB GDDR5	50W	DP 3x, mini DP	2
Radeon Pro WX 4100	1024	4GB GDDR5	50W	4x miniDP	2

Notes:
1. Quadro P400, 2x Quadro P2000, GeForce GTX1060/1070/1080 needs 400W PSU.
2. GeForce GTX 1060/1070/1080 and Radeon Pro WX 3100/4100 are SFO.

Storage controllers	Integrated Intel SATA AHCI/RAID controller in chipset. 6Gbps SATA, RAID 0/1/10/5 Four onboard SATA ports for max 4 SATA HDD/SSD/ODD
Internal storage bay	Up to five bays with four disk bays plus one slim optical bay, supports up to 3x 3.5" HDD plus 1x 2.5" SSD, or 4x 2.5" SSD Bay 1: Primary disk bay, 3.5" or 2.5" Bay 2: 2.5" SATA bay, cannot be available when 2nd Quadro P2000 is used Bay 3: Secondary disk bay, 3.5" or 2.5" Bay 4: 5.25" Flex bay, supports one of the following: • Flex module for optional front eSATA/Thunderbolt/IEEE 1394 • 3rd disk bay, 3.5" or 2.5", removable, via Front Access Storage Enclosure, using SATA 4 connector as eSATA mode • 3rd disk bay, 3.5" or 2.5" via 5.25" to 3.5" HDD Kit • M.2 drive, via Front removable M.2 enclosure, also occupies slot 1 or 3 Bay 5: 9mm Slim ODD bay
Disks	3.5" HDD supports up to 4TB each, 6Gbps SATA, 7.2K 2.5" SSD supports up to 1TB each, 6Gbps SATA

Components	Specification
M.2 slot for SSD	Up to 3x M.2 SSD with one dedicated onboard M.2 slot plus two PCIe to M.2 adapters. PCIe to M.2 adapter uses slot 1 or 3. Supports RAID 0/1 with PCH. When used as RAID, M.2 SSD should be installed in onboard M.2 slot and slot 3
M.2 SSD	Up to one Optane memory per system. Optane memory must work with a HDD or SSD. Optane memory cannot supported on Pentium G6400 models
M.2 slot for Wi-Fi	M.2 SSD supports up to 1TB each, PCIe 3.0 x4, NVMe, Opal Optane memory supports 32GB, PCIe 3.0 x2, NVMe, 3D Xpoint
Media reader	One dedicated onboard M.2 slot for optional Intel Wireless-AC 9560, 2x2 2.4GHz/5GHz (160MHz channel), 802.11ac, Bluetooth 5, up to 1.73Gbps
Network interfaces	Optional SD card reader on most models
Security features	One onboard GbE port via integrated gigabit ethernet Intel I219LM, supports Wake-on-LAN. Optional PCIe ethernet adapters are available
Systems management	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant Optional chassis intrusion switch, cable lock, Kensington lock, and pad lock
Base warranty	Intel Active Management Technology 12 on Xeon models, Intel Standard Manageability on other models
HD Audio	US models comes with 3-year limited onsite service with 9x5/NBD 1 or 3-year limited onsite service with 9x5/NBD in EMEA or other GEOs
Front ports	Intel HD Audio interface with Realtek ALC233 Codec
Rear ports	2x USB 3.1 Gen 1 Type-A, 2x USB 3.1 Gen 2 Type-A, 1x USB 3.1 Gen 1 Type-C, 1x Mic-in, 1x Combo jack
Optional front ports (on flex module)	2x USB 3.1 Gen 1 Type-A, 2x USB 2.0 Type-A, 1x RJ-45, 1x COM, 2x DP Note: IP team only, either 2 quad-core sensor
Optional rear ports	2x Thunderbolt (USB Type-C), one of two ports supports video out 1x eSATA, 1x IEEE1394
Temperature	2x USB 3.1 Type-C, 1x COM, PS/2, 1x Parallel, 1x Thunderbolt, 1x IEEE1394, 1x HDMI Note: HDMI read, cpu, fanspin, or d, safe temperature
Altitude	Operating: 41° F to 104° F (10° C to 35° C) Non operating (no package): 14 °F to 140 °F (-10 ° C to 60 ° C) Non operating (with package): -40 ° F to 140 °F (-40 ° C to 60 ° C)
Humidity	Operating: -15.2 m (-50 ft) to 3048 m (10,000 ft) Storage: -15.2 m (-50 ft) to 10,668 m (35,000 ft)
Environmental certification	Operating: 30%–90%, non-condensing Storage (with package): 20%–90%, non-condensing
Power supply	RoHS-compliant. GREENGUARD. EPEAT Gold rating and ENERGY STAR 7 qualified.
ISV certifications	Supports one 250W or 400W power supply, 100V - 240V, 92% PSU. Climate Savers Computing Platinum and 80 PLUS Platinum qualified. 400W PSU supports one 6+2-pin aux power connector.
	Please visit www.thinkworkstations.com/isv-certifications/

Lenovo, July 2018

Lenovo ThinkStation

PSREF

Product Specifications Reference

Version 528, August 2018

U.S. EMEA

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Summary of Changes

This section describes the changes made in this version of ThinkStation PSREF and in previous version. This edition might also include minor corrections and editorial changes which are not identified.

August 1, 2018 - Version 528
- ►New product ThinkStation P330 Tower/SFF/Tiny announced on July 2018
- ►Update ThinkStation P920/P720/P520/P520c, add Refresh 2.0 information
- ►Remove all MTM PNs from PDF version

June 20, 2018 - Version 526
- ►New ThinkStation P320 Tower models announced on June 2018
- ►Update ThinkStation P720 and P920 models, remove EOL models for US
- ►Update Windows 10 Pro 64 for Workstations for some ThinkStation P720/P920 models

May 30, 2018 - Version 525
- ►Added ThinkStation P720/P920 EMEA May 2018 models

April 18, 2018 - Version 523
- ►New ThinkStation P320 Tower/ P320 SFF/P520c/P520/P720/P920 models announced on April 2018

March 28, 2018 - Version 522
- ►New ThinkStation P320 Tower/ P320 SFF/P520c/P520/P920 announced on March 2018

March 7, 2018 - Version 521
- ►New ThinkStation P320 Tower/ P320 SFF/P720/P920 announced on February 2018

January 30, 2018 - Version 519
- ►New ThinkStation P520c and P520 announced on January 2018
- ►New ThinkStation P320 Tower/P320 SFF announced on January 2018

December 20, 2017 - Version 517
- ►New ThinkStation P920 models announced on December 2017
- ►Add Optional Ports on ThinkStation P320 Tiny

September 29, 2017 - Version 513
- ►New ThinkStation P920 and P720 announced on September 2017
- ►New ThinkStation P320 Tower/P320 SFF/P410/P510/P710/P910 announced on September 2017

September 12, 2017 - Version 512
- ►New ThinkStation P320 Tower and P320 SFF models announced on August 2017

August 23, 2017 - Version 511
- ►New ThinkStation P320 Tiny models announced on August 2017

August 2, 2017 - Version 510
- ►New ThinkStation P320 Tiny/P320 Tower/ P320 SFF/P410/P510 models announced on July 2017

June 21, 2017 - Version 508
- ►New ThinkStation P320 Tiny announced on June 2017

May 26, 2017 - Version 507
- ►Add ThinkStation P410/P510/P710/P910 Refresh 3.0 Wave 1 models and update platform specifications

April 19, 2017 - Version 505
- ►New ThinkStation P320 Tower announced on April 2017
- ►New ThinkStation P320 SFF announced on April 2017

March 29, 2017 - Version 504
- ►Added ThinkStation P310 Tower and SFF models announced on March 2017
- ►Added ThinkStation P410 models announced on March 2017

January 25, 2017 - Version 501
- ►Update quantity of PCIe SSD adapter in ThinkStation P510/P910

January 4, 2017 - Version 500
- ►Added ThinkStation P310 models announced on December 2016

December 14, 2016 - Version 499
- ►Added ThinkStation P410/P510/P710/P910 EMEA models
- ►Added 1TB M.2 PCIe SSD, Quadro P5000, Quadro P6000 support on ThinkStation P510/P710/P910
- ►Added Quadro P5000 support on ThinkStation P410
- ►Added 6TB 7.2K SATA6Gbs HDD support on ThinkStation P410/P510/P710/P910
- ►Added ThinkStation P410/P510/P710/P910 models announced on December 2016

November 23, 2016 - Version 498
- ►Removed ThinkStation P500/P900 due to EOL
- ►Added ThinkStation P310 Tower and SFF models announced on November 2016

October 12, 2016 - Version 496
- ►Removed flash option on ThinkStation P510/P710/P910
- ►Added ThinkStation P310/P410/P510/P710/P910 models announced on September 2016

August 3, 2016 - Version 493
- ►Removed ThinkStation P500/P700/P900 Windows 7 DG from Win8.1 U.S. models
- ►Added keyboard and mouse features on all ThinkStation

July 13, 2016 - Version 492
- ►Added ThinkStation P500, P700, and P900 Windows 10 downgrade to Windows 7 models
- ►Updated Maximum configuration weight of ThinkStation P410
- ►Added ThinkStation P710 and P910 models announced on on July 2016
- ►Added "Maximum drives in 3.5" bay" feature on ThinkStation P500/P510/P700/P710/P900/P910

June 22, 2016 - Version 491
- ►Added new product ThinkStation P410/P510
- ►Added NVIDIA Quadro M2000 on ThinkStation P310 Tower
- ►Added keyboard and mouse information on ThinkStation P710/P910
- ►Added internal USB information on ThinkStation P710/P910

June 2, 2016 - Version 490
- ►Added ThinkStation P710/P910 US models
- ►Updated ThinkStation P710/P910 processor information

May 19, 2016 - Version 489
- ►Added NVIDIA Quadro M2000 on compatible product
- ►Updated maximum weight on ThinkStation P710
- ►Removed 30AT000BUS

April 27, 2016 - Version 488
- ►Added ThinkStation P710 and P910 models for EMEA, announced on April 2016
- ►Updated Energy star information on ThinkStation P500/P700/P710/P900/P910

April 6, 2016 - Version 487

► New ThinkStation P710 and P910, announced April 5, 2016 (specification only)

March 23, 2016 - Version 486

► Added processors specifications for P310/P500/P700/P900

February 24, 2016 - Version 485

► Added ThinkStation P310 and P700 models for US, announced on February 2016
► Added ThinkStation P700 and P900 models for EMEA, announced on February 2016

December 9, 2015 - Version 482

► New ThinkStation P310 Tower and SFF, announced November 24, 2015

November 18, 2015 - Version 481

► Combines ThinkStation PSREF United States version and Western Europe version.
► Extends the supported GEO into Europe, Middle East and Africa.
► Covers all TopSeller and Relationship models for US and all focus models for EMEA

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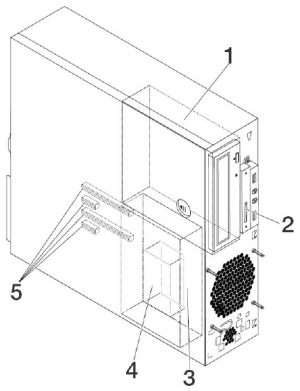
ThinkStation P320 SFF Platform Specifications

Components	Specification
Chipset	Intel C236 Chipset
Intel AMT	Intel Active Management Technology 11 on Xeon models, Intel Standard Manageability on other models
Processor	One Intel "Kabylake" or "Skylake" processor as listed: "Kaby Lake" Xeon E3-1280 v6 – 4C/3.9GHz/8MB/72W/DDR4-2400 Xeon E3-1275 v6 – 4C/3.8GHz/8MB/73W/DDR4-2400 Xeon E3-1270 v6 – 4C/3.8GHz/8MB/72W/DDR4-2400 Xeon E3-1245 v6 – 4C/3.7GHz/8MB/73W/DDR4-2400 Xeon E3-1240 v6 – 4C/3.7GHz/8MB/72W/DDR4-2400 Xeon E3-1230 v6 – 4C/3.5GHz/8MB/72W/DDR4-2400 Xeon E3-1225 v6 – 4C/3.3GHz/8MB/73W/DDR4-2400 Xeon E3-1220 v6 – 4C/3GHz/8MB/72W/DDR4-2400 Core i7-7700 – 4C/3.6GHz/8MB/65W/DDR4-2400 Core i5-7600 – 4C/3.5GHz/6MB/65W/DDR4-2400 Core i5-7500 – 4C/3.4GHz/6MB/65W/DDR4-2400 Core i5-7400 – 4C/3GHz/6MB/65W/DDR4-2400 Core i3-7300 – 2C/4GHz/4MB/51W/DDR4-2400 Core i3-7100 – 2C/3.9GHz/3MB/51W/DDR4-2400 "Skylake" Xeon E3-1245 v5 – 4C/3.5GHz/8MB/80W/DDR4-2133 Xeon E3-1240 v5 – 4C/3.5GHz/8MB/80W/DDR4-2133 Xeon E3-1230 v5 – 4C/3.4GHz/8MB/80W/DDR4-2133 Xeon E3-1225 v5 – 4C/3.3GHz/8MB/80W/DDR4-2133 Xeon E3-1220 v5 – 4C/3GHz/8MB/80W/DDR4-2133 Core i7-6700 – 4C/3.4GHz/8MB/65W/DDR4-2133 Core i5-6500 – 4C/3.2GHz/6MB/65W/DDR4-2133 Core i5-6400 – 4C/2.7GHz/6MB/65W/DDR4-2133 Core i3-6100 – 2C/3.7GHz/3MB/51W/DDR4-2133
Memory DIMM slots	4 DIMM slots, 2-channel (integrated memory controller in processor)
Memory type/capacity	Up to 64GB ECC/non-ECC (4 x 16GB), DDR4-2400. UDIMM. "Skylake" processor supports up to DDR4-2133. Core i7 and i5 processors cannot support ECC.
Intel HD Graphics in processor	Integrated Intel HD P530 in Xeon E3-12x5 v5 processors, or Intel HD P630 in Xeon E3-12x5 v6 processors, or Intel HD 530 in Core i7, i5, or i3 6000 processors. or Intel HD 630 in Core i7, i5, or i3 7000 processors. Works along with discrete graphics to support multi-display, enables three display connectors (2 DP, 1 VGA) on rear.
Discrete graphics	Two PCI Express 3.0 x16 slots for graphics adapters. Up to two NVIDIA Quadro P1000. Supports the following NVIDIA graphic adapters: Adapter / Cores / Memory / Power / Connector NVS 310 / 48 / 1GB / 19.5W / 2xDP NVS 315 / 48 / 1GB / 19.5W / 2xDVI-I SL/2xDP NVS 510 / 192 / 2GB / 33.4W / 4xmini DP Quadro P400 / 256 / 2GB / 30W / 3xminiDP Quadro P600 / 384 / 2GB / 40W / 4xminiDP Quadro P1000 / 640 / 4GB / 47W / 4xminiDP
Onboard drive controller	Five onboard SATA 6.0Gb/s connectors for optical and disk drives plus one SATA connector for optional eSATA. RAID 0, 1, 5* support ** RAID 5 needs three 2.5" SSD drives.*
Drive Bays	One external 5.25" bay, one internal 3.5" bay (see right). Up to one 9mm optical + 2 x 3.5" disk drive bays + 1 x 2.5" disk drive bay + two M.2 NVMe SSD
Supporting disk drives	3.5" SATA HDD (7.2K 6Gbs) – 1TB/2TB/4TB/1TB hybrid/2TB hybrid 2.5" SATA SSD (6Gbs) – 256GB Opal/512GB/512GB Opal/1TB Opal/2TB opal M.2 NVMe SSD, via PCIe adapter – 256GB Opal/512GB Opal/1TB Opal, via PCIe 3.0 x4 adapter, up to 2; or 16GB Intel Optane Memory, PCIe 3.0 x2
Max internal storage	10TB (2 x 4TB 3.5" HDDs + 1 x 2TB 2.5" SSD) plus two 1TB M.2 NVMe SSD
Media reader	9-in-1 card reader. Optional 29-in-1 card reader on selected models
Power supply	210 watts with variable speed fan, autosensing, Climate Savers Computing Bronze, 80 PLUS Bronze qualified
Onboard Ethernet	One onboard gigabit ethernet, Intel I219LM, supports Wake-on-LAN
HD Audio	Realtek ALC662 codec
TPM	Standard, TCG 2.0-compliant

Components	Specification
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	1 VGA and 2 DisplayPort (for Intel HD Graphics models only), two USB 2.0, four USB 3.0, one serial (9-pin), one ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in)
Mechanical	• Raven black color; metal case • 4.02"W x 15.53"D x 13.31"H • 102mm W x 394.5mm D x 338mm H • 17.2 lb (7.9kg) max configuration • 12.9-liter
Environmental certifications	GREENGUARD certified/RoHS-compliant/EPEAT Gold rating/ ENERGY STAR 6.1 qualified
Limited warranty	1 or 3-year limited onsite service with 9x5/NBD. Some parts are Customer Replaceable Units.
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Drive Bays and PCIe Slots

Bay 1	5.25”, supports one of the following: HH optical/flex module***/9mm optical+3.5" HDD bay/ 3.5" HDD bay/Front Access Storage Enclosure **** Flex module supports one or more of the following: 9mm optical/ 29-in-1 reader/front IEEE 1394/front eSATA.* *Up to one flex module is supported per system.*
Bay 2	Optional 9-in-1 single slot reader
Bay 3	Standard 3.5" HDD bay
Bay 4	Optional 2.5" HDD bay (under Bay 3)
5 -Slots	Four PCIe slots (top-down): Slot 1: Low Profile, PCIe 3.0 x16 (near CPU) Slot 2: Low Profile, PCIe 3.0 x1 Slot 3: Low Profile, PCIe 3.0 x16 (x4 elec) Slot 4: Low Profile, PCIe 3.0 x1

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ThinkStation P320 Tiny Platform Specifications

Components	Specification
Chipset	Intel Q270 Chipset
Intel AMT	Intel Active Management Technology 11
Processor	One Intel "Kaby Lake" or "Skylake" processor as listed: "Kaby Lake" Core i7-7700T 4C/2.9GHz/8MB/35W/DDR4-2400/Intel HD 630 Core i7-7700 4C/3.6GHz/8MB/65W/DDR4-2400/Intel HD 630 Core i5-7600T 4C/2.8GHz/6MB/35W/DDR4-2400/Intel HD 630 Core i5-7600 4C/3.5GHz/6MB/65W/DDR4-2400/Intel HD 630 Core i5-7500T 4C/2.7GHz/6MB/35W/DDR4-2400/Intel HD 630 Core i5-7500 4C/3.4GHz/6MB/65W/DDR4-2400/Intel HD 630 Core i5-7400T 4C/2.4GHz/6MB/35W/DDR4-2400/Intel HD 630 Core i5-7400 4C/3.0GHz/6MB/65W/DDR4-2400/Intel HD 630 Core i3-7300T 2C/3.5GHz/4MB/35W/DDR4-2400/Intel HD 630 Core i3-7300 2C/4.0GHz/4MB/51W/DDR4-2400/Intel HD 630 Core i3-7100T 2C/3.4GHz/3MB/35W/DDR4-2400/Intel HD 630 Core i3-7100 2C/3.9GHz/3MB/51W/DDR4-2400/Intel HD 630 "Skylake" Core i7-6700T 4C/2.8GHz/8MB/35W/DDR4-2133/Intel HD 530 Core i7-6700 4C/3.4GHz/8MB/65W/DDR4-2133/Intel HD 530 Core i5-6500T 4C/2.5GHz/6MB/35W/DDR4-2133/Intel HD 530 Core i5-6500 4C/3.2GHz/6MB/65W/DDR4-2133/Intel HD 530 Core i3-6100T 2C/3.2GHz/3MB/35W/DDR4-2133/Intel HD 530 Core i3-6100 2C/3.7GHz/3MB/51W/DDR4-2133/Intel HD 530 "Kaby Lake" processors cannot support Windows 7
Memory DIMM slots	2 DIMM slots, 2-channel (integrated memory controller in processor)
Memory type/capacity	Up to 32GB (2 x 16GB), non-ECC, DDR4-2400. SO-DIMM. "Skylake" processor supports up to DDR4-2133
Graphics	Integrated Intel HD 630 in "Kaby Lake" processors; or Intel HD 530 in "Skylake" processors. Works along with optional discrete graphics to support multi-display, enables two display connectors (2 DP) on rear. Supports one optional NVIDIA Quadro P600 on 35W processor models Adapter / Cores / Memory / Power / Connectors Quadro P600 / 384 / 2GB / 40W / 4xmDP
Max simultaneous displays	Up to 6 displays (2 x DP plus 4 x mDP) with integrated Intel HD (2 x DP) and NVIDIA Quadro P600 (4 x mDP)
Storage	Up to one 2.5" disk drive (HDD or SSD) plus one M.2 NVMe SSD, or up to two M.2 SSD on Intel HD only models. Or up to one M.2 SSD on Quadro P600 models. 2nd M.2 SSD on Quadro P600 models is special bid only. 2.5" drive cannot work with Quadro P600. All US models come with Quadro P600 and only support M.2 SSD
Supporting disk drives	2.5" SATA6Gbs HDD: 500GB 7.2K/1TB 5.4K 2.5" SATA6Gbs SSD: 128GB M.2 NVMe SSD: 128GB/256GB Opal/512GB Opal/1TB Opal
Optical drive	Optional one 9.0mm optical drive via optical drive kit, DVD-ROM or DVD±RW. VESA mount is needed, comsumes one USB 3.0 port
Media reader	None
Power supply	135W AC/DC adapter, autosensing, 88% PSU
Onboard Ethernet	One onboard gigabit ethernet. Intel I219LM. supports Wake-on-LAN
WLAN/Bluetooth	Supports the following 11ac wireless, M.2 card: • Qualcomm Atheros QCA9377A, dual band, Wi-Fi + Bluetooth 4.2, 1x1 (BT4.0 for Egypt models) • Qualcomm Atheros QCA6174A, dual band, Wi-Fi + Bluetooth 4.2, 2x2 (BT4.0 for Egypt and US models) • Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0, 1x1 • Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2, 2x2 • Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2, 2x2, vPro
HD Audio	Realtek ALC294 codec
TPM	Standard, TCG 2.0-compliant
Front ports	Two USB 3.0 (one Always On), one microphone (3.5mm), one combo audio/ microphone jack (3.5mm)
Rear ports	2 DisplayPort (for Intel HD Graphics), four USB 3.0, one ethernet (RJ-45). Optional 4 mDP for Quadro P600

Components	Specification
Mechanical	• Raven black color; metal case • 1.36"W x 7.05"D x 7.20"H • 34.5mm W x 179mm D x 182.9mm H • 2.9 lb (1.3kg) typical weight • 1-liter
VESA mount	Optional Tiny VESA mount kit, supports VESA 75mm and 100mm
I/O box	Optional I/O expansion box, extends additional two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front. I/O box consumes two USB 3.0 ports. I/O box requires VESA mount
Floor stand	Optional system floor stand for vertical orientation
Environmental certifications	GREENGUARD certified/RoHS-compliant/EPEAT Gold rating/ ENERGY STAR 6.1 qualified
Limited warranty	1 or 3-year limited onsite service with 9x5/NBD. Some parts are Customer Replaceable Units.
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/

Popular and system-unique options:

Lenovo 4GB DDR4 2400MHz SoDIMM Memory	4X70M60573
Lenovo 8GB DDR4 2400MHz SoDIMM Memory	4X70M60574
Lenovo 16GB DDR4 2400MHz SoDIMM Memory	4X70N24889
Lenovo 256GB PCIe NVMe M.2 SSD	4XB0M52449
ThinkStation 256GB OPAL 2.5" Solid State Drive	4XB0N67290
256GB M.2 TLC PCIe OPAL 2.0 SSD	4XB0P01014
Lenovo 128GB M.2 PCIe NVMe SSD	4XB0N26469
Tiny IV DVD Burner Kit (VESA Mount needed)	4XA0N06917
Tiny IV DVD ROM Kit (VESA Mount needed)	4XA0N06918
Tiny 4 IO Expansion Box (VESA Mount needed)	4XH0N06919
Tiny Under Desk Mount	0B47097
Tiny IV Vertical Stand	4XF0N03160
Tiny VESA Mount II	4XF0N03161
Tiny Power Cage II	4XH0N23158
Tiny Sandwich Kit II	4XH0N04098
Tiny Clamp Bracket Mounting Kit II (VESA Mount needed)	4XF0N82412
Tiny IV 1L Dust Shield	4XH0N04885

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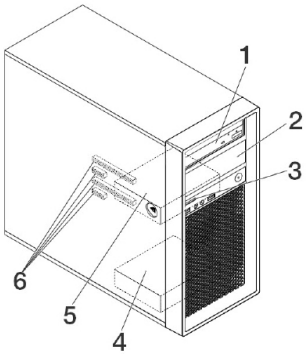
ThinkStation P320 Tower Platform Specifications

Components	Specification
Chipset	Intel C236 Chipset
Intel AMT	Intel Active Management Technology 11 on Xeon models, Intel Standard Manageability on other models
Processor	One Intel "Kaby Lake" or "Skylake" processor as listed: "Kaby Lake" Xeon E3-1280 v6 – 4C/3.9GHz/8MB/72W/DDR4-2400 Xeon E3-1275 v6 – 4C/3.8GHz/8MB/73W/DDR4-2400 Xeon E3-1270 v6 – 4C/3.8GHz/8MB/72W/DDR4-2400 Xeon E3-1245 v6 – 4C/3.7GHz/8MB/73W/DDR4-2400 Xeon E3-1240 v6 – 4C/3.7GHz/8MB/72W/DDR4-2400 Xeon E3-1230 v6 – 4C/3.5GHz/8MB/72W/DDR4-2400 Xeon E3-1225 v6 – 4C/3.3GHz/8MB/73W/DDR4-2400 Xeon E3-1220 v6 – 4C/3GHz/8MB/72W/DDR4-2400 Core i7-7700K – 4C/4.2GHz/8MB/91W/DDR4-2400 Core i7-7700 – 4C/3.6GHz/8MB/65W/DDR4-2400 Core i5-7600 – 4C/3.5GHz/6MB/65W/DDR4-2400 Core i5-7500 – 4C/3.4GHz/6MB/65W/DDR4-2400 Core i5-7400 – 4C/3GHz/6MB/65W/DDR4-2400 Core i3-7300 – 2C/4GHz/4MB/51W/DDR4-2400 Core i3-7100 – 2C/3.9GHz/3MB/51W/DDR4-2400 "Skylake" Xeon E3-1245 v5 – 4C/3.5GHz/8MB/80W/DDR4-2133 Xeon E3-1240 v5 – 4C/3.5GHz/8MB/80W/DDR4-2133 Xeon E3-1230 v5 – 4C/3.4GHz/8MB/80W/DDR4-2133 Xeon E3-1225 v5 – 4C/3.3GHz/8MB/80W/DDR4-2133 Xeon E3-1220 v5 – 4C/3GHz/8MB/80W/DDR4-2133 Core i7-6700 – 4C/3.4GHz/8MB/65W/DDR4-2133 Core i5-6500 – 4C/3.2GHz/6MB/65W/DDR4-2133 Core i5-6400 – 4C/2.7GHz/6MB/65W/DDR4-2133 Core i3-6100 – 2C/3.7GHz/3MB/51W/DDR4-2133
Memory DIMM slots	4 DIMM slots, 2-channel (integrated memory controller in processor)
Memory type/capacity	Up to 64GB ECC/non-ECC (4 x 16GB), DDR4-2400. UDIMM. "Skylake" processor supports up to DDR4-2133. Core i7 and i5 processors cannot support ECC.
Intel HD Graphics in processor	Integrated Intel HD P530 in Xeon E3-12x5 v5 processors, or Intel HD P630 in Xeon E3-12x5 v6 processors, or Intel HD 530 in Core i7, i5, or i3 6000 processors. or Intel HD 630 in Core i7, i5, or i3 7000 processors. Works along with discrete graphics to support multi-display, enables three display connectors (2 DP, 1 VGA) on rear.
Discrete graphics	Two PCI Express 3.0 x16 slots for graphics adapters. Up to two Quadro P1000 on 250 watts models. Or up to two Quadro P2000, or up to one Quadro P4000 on 400 watts models. Supports the following NVIDIA graphics adapters: Adapter / Cores / Memory / Power / Connector NVS 310 / 48 / 1GB / 19.5W / 2xDP NVS 315 / 48 / 1GB / 19.5W / 2xDVI-I SL/2xDP NVS 510 / 192 / 2GB / 33.4W / 4xmini DP NVS 810 / 1024 / 4GB / 68W / 8xmini DP Quadro P400 / 256 / 2GB / 30W / 3xminiDP Quadro P600 / 384 / 2GB / 40W / 4xminiDP Quadro P1000 / 640 / 4GB / 47W / 4xminiDP Quadro P2000 / 1024 / 5GB / 75W / 4xDP Quadro P4000 / 1792 / 8GB / 105W / 4xDP
Onboard drive controller	Five onboard SATA 6.0Gb/s connectors for optical and disk drives plus one SATA connector for optional eSATA. RAID 0, 1, 5, 10 support
Drive Bays	Two external 5.25" bays, two internal 3.5" bays (see right). Up to one 9mm optical plus 4 x 3.5" disk drive bays plus two M.2 NVMe SSD
Supporting disk drives	3.5" SATA HDD (7.2K 6Gbs) – 1TB/2TB/4TB/1TB hybrid/2TB hybrid 2.5" SATA SSD (6Gbs) – 256GB Opal/512GB/512GB Opal/1TB Opal/2TB opal M.2 NVMe SSD, via PCIe adapter – 256GB Opal/512GB Opal/1TB Opal, PCIe 3.0 x4, up to 2; or 16GB Intel Optane Memory, PCIe 3.0 x2
Max internal storage	16TB (4 x 4TB 3.5" HDDs) plus 2TB (2 x 1TB) M.2 NVMe SSD
Media reader	9-in-1 card reader. Optional 29-in-1 card reader on selected models

Components	Specification
Power supply	One 250 watts with variable speed fan, autosensing, Climate Savers Computing Bronze, 80 PLUS Bronze qualified. Or one 400 watts with variable speed fan, autosensing, Climate Savers Computing Platinum, 80 PLUS Platinum qualified.
Onboard Ethernet	One onboard gigabit ethernet, Intel I219LM, supports Wake-on-LAN
HD Audio	Realtek ALC662 codec
TPM	Standard, TCG 2.0-compliant
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	1 VGA and 2 DisplayPort (for Intel HD Graphics models only), two USB 2.0, four USB 3.0, one serial (9-pin), one ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in)
Mechanical	• Raven black color; metal case • 6.89"W x 16.77"D x 14.8"H • 175mm W x 426mm D x 376mm H • 28.66 lb (13kg) max configuration • 25-liter
Environmental certifications	GREENGUARD certified/RoHS-compliant/EPEAT Gold rating/ ENERGY STAR 6.1 qualified
Limited warranty	1 or 3-year limited onsite service with 9x5/NBD. Some parts are Customer Replaceable Units.
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Drive Bays and PCIe Slots

Bay 1 and Bay 2	5.25", support one of the following: HH optical/flex module/9mm optical+3.5" HDD bay/ 3.5" HDD bay/Front Access Storage Enclosure (FASE) *Note:* *1. Flex module supports one or more of the following: 9mm optical/ 29-in-1 reader/front IEEE 1394/front eSATA.* *2. Up to one flex module/FASE per system.*
Bay 3	Optional 9-in-1 single slot reader
Bay 4	Standard 3.5" HDD bay
Bay 5	Standard 3.5" HDD bay
6 -Slots	Four PCIe slots (top-down): Slot 1: Half length, full height, PCIe 3.0 x16 (near CPU) Slot 2: Half length, full height, PCIe 3.0 x1 Slot 3: Half length, full height, PCIe 3.0 x16 (x4 elec) Slot 4: Half length, full height, PCIe 3.0 x1 *Note:* *1. Both discrete graphics adapter and M.2 NVMe SSD should be installed on slot 1 or slot 3, the maximum quantity of discrete graphics adapter and M.2 NVMe SSD is 2.* *2. When two discrete graphics adapters are used, no other PCIe card can be used.*

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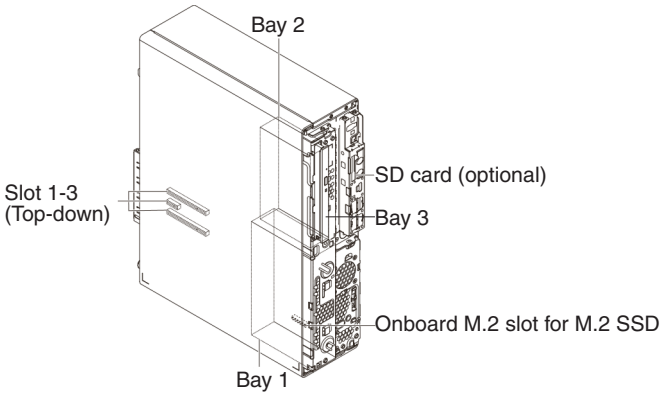
ThinkStation P330 SFF Platform Specifications

Components	Specification
Machine Type	MT 30C7 for Transactional model and MT 30C8 for Relationship model. For configuration of all 30C7 EMEA and US models, please visit: http://psref.lenovo.com/Product/ThinkStation/ThinkStation_P330_SFF
Form factor	8.4L mini-tower
Dimensions	Height: 343.5 mm (13.5 in). Width: 92.5 mm (3.6 in). Depth: 305.6 mm (12 in)
Weight	Maximum configuration: 13.23 lb (6.0kg)
Processor	Up to one Intel Xeon E-2100 family processor, up to 80W, up to 6 cores at 3.7GHz, up to 3.8GHz with 4 cores, up to 12MB cache, DDR4-2666 memory speed. Or up to one 8th Intel Core family processor, i7, i5, or i3, up to 65W, up to 6 cores at 3.2GHz, up to 3.7GHz with 4 cores, up to 12MB cache, up to DDR4-2666 memory speed. Or up to one Intel Pentium G5400 via Special Bids, 58W, 2 cores at 3.7GHz, 4MB cache, DDR4-2400 memory speed
Chipset	Intel C246 Chipset
Memory	4 DIMM sockets. DDR4-2666. UDIMM. ECC and non-ECC are supported, but memory types cannot be intermixed
Memory capacity	Up to 64GB with 4x 16GB, both ECC and non-ECC
Memory protection	ECC with ECC UDIMM. Core i7 and i5 processors cannot support ECC UDIMM
Expansion slots	Three PCIe 3.0 slots as following: Slot 1: PCIe 3.0 x16, full height, half length, links to CPU Slot 2: PCIe 3.0 x1, full height, full length, links to PCH Slot 3: PCIe 3.0 x16 (negotiable link width x4), full height, half length, links to PCH
Graphics - Processor graphics	Integrated Intel UHD Graphics P630 in -G suffix Xeon processors, or Intel UHD Graphics 630 in Core i7, i5, or i3 processors, or Intel UHD Graphics 610 in Pentium Gold G5400. Works along with discrete graphics to support multi-display, enables three display connectors (2x DP, 1x HDMI. HDMI is optional) on rear
Graphics - Discrete graphics card	Up to two PCIe 3.0 x16 slots for discrete graphics adapter (Slot 1 and 3). Supports the following graphics adapters: Adapter / Cores / Memory / Power / Connectors / Max qty Quadro P400 / 256 / 2GB GDDR5 / 30W / 3x miniDP / 2 Quadro P620 / 512 / 2GB GDDR5 / 40W / 4x miniDP / 2 Quadro P1000 / 640 / 4GB GDDR5 / 47W / 4x miniDP / 2
Storage controllers	Integrated Intel SATA AHCI/RAID controller in chipset, 6Gbps SATA, RAID 0/1. Four onboard SATA ports for max 4 SATA HDD/SSD/ODD
Internal storage bay	Up to 3 bays with two disk bays and one slim optical bay: Bay 1: Primary 3.5" SATA bay Bay 2: 2.5" SATA bay Bay 3: 9mm Slim ODD bay
Disks	3.5" HDD supports up to 4TB each, 6Gbps SATA, 7.2K. 2.5" SSD supports up to 1TB each, 6Gbps SATA
M.2 slot for SSD	Up to 3x M.2 SSD with one dedicated onboard M.2 slot plus two PCIe to M.2 adapters. PCIe to M.2 adapter uses slot 1 or 3. Supports RAID 0/1 with PCH, When used as RAID, M.2 SSD should be installed in onboard M.2 slot and slot 3. Up to one Optane memory per system; Optane memory must work with a HDD or SSD; Optane memory cannot supported on Pentium G5400 models
M.2 SSD	M.2 SSD supports up to 1TB each, PCIe 3.0 x4, NVMe, Opal. Optane memory supports 32GB, PCIe 3.0 x2, NVMe, 3D Xpoint
M.2 slot for Wi-Fi and Bluetooth	One dedicated onboard M.2 slot for optional Intel Wireless-AC 9560, 2x2, 2.4GHz/5GHz (160MHz channels), 802.11ac, Bluetooth 5, up to 1.73Gbps

Components	Specification
Media reader	Optional SD card reader on most models
Network interfaces	One onboard GbE port via integrated gigabit ethernet Intel i219LM, supports Wake-on-LAN. Optional PCIe ethernet adapters are available
Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant. Optional chassis intrusion switch, cable lock, Kensington lock, and pad lock
Systems management	Intel Active Management Technology 12 on Xeon models, Intel Standard Manageability on other models
Base warranty	US models comes with 3-year limited onsite service with 9x5/NBD. 1 or 3-year limited onsite service with 9x5/NBD in EMEA or other GEOs
HD Audio	Intel HD Audio interface with Realtek ALC233 Codec
Front ports	2x USB 3.1 Gen 1 Type A. 2x USB 3.1 Gen 2 Type A. 1x USB 3.1 Gen 1 Type-C. 1x Mic-in. 1x Combo jack
Rear ports	2x USB 3.1 Gen 1 Type A. 2x USB 2.0 Type-A. 1x RJ-45. 1x COM. 2x DP. *Notes: DP needs Core, Pentium, or -G suffix Xeon processor*
Optional rear ports	2x USB 3.1 Type-C. 1x COM. PS/2. 1x Parallel. 1x Thunderbolt. 1x IEEE1394. 1x HDMI. *Notes: HDMI needs Core, Pentium, or -G suffix Xeon processor*
Temperature	Operating: 41 °F to 104 °F (10 °C to 35 °C) Non operating (no package): 14 °F to 140 °F (-10 °C to 60 °C) Non operating (with package): -40 °F to 140 °F (-40 °C to 60 °C)
Altitude	Operating: -15.2 m (-50 ft) to 3048 m (10 000 ft). Storage: -15.2 m (-50 ft) to 10, 668 m (35 000 ft)
Humidity	Operating: 30%~90%, non-condensing Storage (with package): 20%~90%, non-condensing
Environmental certification	RoHS-compliant. GREENGUARD. EPEAT Gold rating and ENERGY STAR 7 qualified
Power supply	Supports one 210W or 260W power supply. 210W is 100V - 240V, 85% PSU, Climate Savers Computing Bronze and 80 PLUS Bronze qualified. 260W is 100V - 240V, 92% PSU, Climate Savers Computing Platinum and 80 PLUS Platinum qualified
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



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ThinkStation P330 Tiny Platform Specifications

Components	Specification
Machine Type	MT 30CF for Transactional model and MT 30CE for Relationship model. For configuration of all 30CF EMEA and US models, please visit: http://psref.lenovo.com/Product/ThinkStation/ThinkStation_P330_Tiny
Form factor	1L. Optional VESA mount bracket kit, supports VESA 75mm and 100mm. Optional floor stand for vertical orientation. Optional tool-less chassis open. Optional dust filter
Dimensions	Height: 179 mm (7.0 in). Width: 36.5 mm (1.437 in). Depth: 182.9 mm (7.2 in)
Weight	Maximum configuration: 3.08 lb (1.4kg)
Supported TIO monitors	Tiny-in-One 23 (MT: 10DQ). Tiny-in-One 22 (MT: 10LK). Tiny-in-One 24 (MT: 10LL). Tiny-in-One22 Gen3 (MT: 10R1). Tiny-in-One22 Gen3 Touch (MT: 10R0). Tiny-in-One24 Gen3 (MT: 10QY). Tiny-in-One24 Gen3 Touch (MT: 10QX).
Processor	Up to one Intel Core family processor, i7, i5, or i3. Core i7 supports 65W or 35W, 6 cores, up to 3.2GHz, 12MB cache, DDR4-2666 memory speed. Core i5 supports 65W or 35W, 6 cores, up to 3.1GHz, 9MB cache, DDR4-2666 memory speed. Core i3 supports 65W, 62W, or 35W, 4 cores, up to 3.7GHz, 6MB or 8MB cache, DDR4-2400 memory speed.
Chipset	Intel Q370 Chipset
Memory	2 DIMM sockets. DDR4-2666. SoDIMM. Non-ECC
Expansion slots	One PCIe slot via specific riser card: PCIe 3.0 x16 (negotiable link width x8) and low profile for discrete graphics card; PCIe 3.0 x4 and low profile for i350-T4 adapter and quad COM ports adapter
Graphics	65W or 62W processor models supports processor graphics only. 35W processor models come with processor graphics plus a discrete graphics adapter
Graphics - Processor graphics	Integrated Intel UHD Graphics 630. Works along with discrete graphics to support multi-display
Graphics - Discrete graphics card	One of the following discrete graphics cards on 35W processor models: Adapter / Cores / Memory / Power / Connectors Quadro P620 / 512 / 2GB GDDR5 / 40W / 4x miniDP Quadro P1000 / 640 / 4GB GDDR5 / 47W / 4x miniDP
Storage controllers	Integrated Intel SATA AHCI controller in chipset, 6Gbps SATA, one onboard SATA port for 2.5” HDD
Internal storage bay	Up to one 2.5" HDD
Disks	2.5" HDD supports up to 1TB, 6Gbps SATA, 7.2K or 5.4K
M.2 slot for SSD	Two onboard M.2 slots for M.2 SSD, one for M.2 2280 SSD, one for M.2 2280 or 2242 SSD
M.2 SSD	M.2 2280 SSD supports up to 1TB each, PCIe 3.0 x4, NVMe, optional Opal. M.2 2242 SSD supports up to 128GB, PCIe 3.0 x2, NVMe
Optane memory	Up to one 16GB Optane memory per system. Optane memory must work with a 2.5" HDD
M.2 slot for Wi-Fi and Bluetooth	One dedicated M.2 2230 slot for optional Wi-Fi card, supports one of the following: Intel Wireless-AC 9560, 2x2, 2.4GHz/5GHz (160MHz channels), 802.11ac, Bluetooth 5, up to 1.73Gbps. Intel Wireless-AC 8265, 2x2, 2.4GHz/5GHz, 802.11ac, Bluetooth 4.2, up to 867Mbps. *Note: Wi-Fi card, or specific functions of Wi-Fi- card may not be supported in some countries*
Wi-Fi antenna	Optional Tiny 2.4GHz/5GHz SMA antenna kit
Optical	Optional one 9.0mm optical drive via optical drive kit, DVD-ROM or DVD±RW. VESA mount is required
Media reader	None. Using USB adapter
Network interfaces	One onboard GbE port via integrated gigabit ethernet Intel i219LM, supports Wake-on-LAN. Optional Intel i350-T4 for 4x GbE ports, using PCIe slot
Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant. Chassis intrusion switch. Optional Kensington lock

Components	Specification
Intel vPro Technology	Supports vPro on models with the following processors: Core i7-8700T, Core i7-8700, Core i5-8600T, Core i5-8600, Core i5-8500T, Core i5-8500. vPro also requires Wireless-AC 9560 if Wi-Fi is needed
Systems management	Intel Active Management Technology 12 on vPro models, Intel Standard Manageability on other models
Base warranty	US models comes with 3-year limited onsite service with 9x5/NBD. 1 or 3-year limited onsite service with 9x5/NBD in EMEA or other GEOs
HD Audio	Intel HD Audio interface with Realtek ALC233 Codec
Front standard ports	1x USB 3.1 Gen 1 Type A (charging). 1x USB 3.1 Gen 1 Type-C. 1x Mic-in. 1x Combo jack
Rear standard ports	2x USB 3.1 Gen 2 Type A. 2x USB 3.1 Gen 1 Type-A. 1x RJ-45. 1x DP. 1x HDMI
Optional rear ports - via punch out cable	Up to two optional rear ports via punch out cable. Port 1 supports one of the following: 1x USB 3.1 Gen 1 Type-C, also supports DP function. 1x COM. 1x VGA. 1x DP. 1x HDMI. Port 2 supports one COM
Optional rear ports - via PCIe adapter	Supports one of the following: 4x miniDP with Quadro P620 or P1000, 35W processor models only 2x USB 3.1 Gen 1. 4x RJ-45 GbE with Intel I350-T4. 4x COM *Note: Punch out cable and PCIe adapter are mutually exclusive*
Temperature	Operating: 50 °F to 95 °F (10 °C to 35 °C) Non operating (with package): -40 °F to 140 °F (-40 °C to 60 °C)
Altitude	Operating: -15.2 m (-50 ft) to 3048 m (10 000 ft). Storage: -15.2 m (-50 ft) to 10, 668 m (35 000 ft)
Humidity	Operating: 20%~80%, non-condensing Storage (with package): 20%~90%, non-condensing
Environmental certification	RoHS-compliant. GREENGUARD. EPEAT Gold rating and ENERGY STAR 7 qualified
Power supply	Supports one 135W power adaper, 100V - 240V, 88% PSU
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/

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ThinkStation P330 Tower Platform Specifications

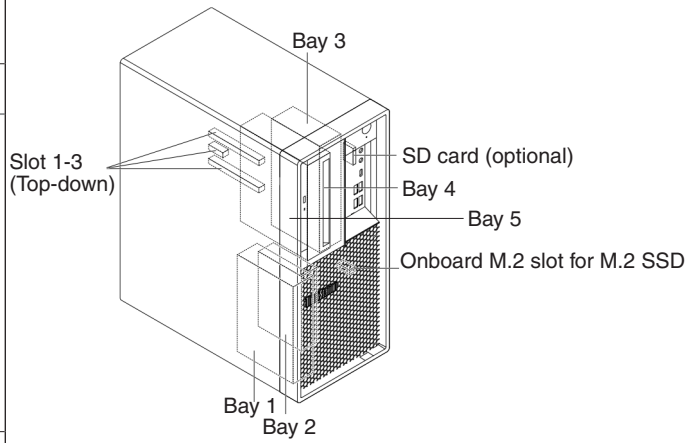
Components	Specification
Machine Type	MT 30C5 for Transactional model and MT 30C6 for Relationship model. For configuration of all 30C5 EMEA and US models, please visit: http://psref.lenovo.com/Product/ThinkStation/ThinkStation_P330_Tower
Form factor	18L Tower
Dimensions	Height: 376 mm (14.8 in). Width: 165 mm (6.5 in). Depth: 328 mm (12.9 in)
Weight	Maximum configuration: 23.4 lb (10.6kg)
Processor	Up to one Intel Xeon E family processor, up to 95W, up to 6 cores at 3.8GHz, up to 12MB cache, up to DDR4-2666 memory speed. Or up to one 8th Intel Core family processor, i7, i5, or i3, up to 95W, up to 6 cores at 3.7GHz, up to 12MB cache, up to DDR4-2666 memory speed. Or up to one Intel Pentium Gold G5400 via Special Bids, 54W, 2 cores at 3.7GHz, 4MB cache, DDR4-2400 memory speed
Chipset	Intel C246 Chipset
Memory	4 DIMM sockets. DDR4-2666. UDIMM. ECC and non-ECC are supported, but memory types cannot be intermixed
Memory capacity	Up to 64GB with 4x 16GB, both ECC and non-ECC
Memory protection	ECC with ECC UDIMM. Core i7 and i5 processors cannot support ECC UDIMM
Expansion slots	Three PCIe 3.0 slots as following: Slot 1: PCIe 3.0 x16, full height, half length, links to CPU Slot 2: PCIe 3.0 x1, full height, full length, links to PCH Slot 3: PCIe 3.0 x16 (negotiable link width x4), full height, half length, links to PCH
Graphics - Processor graphics	Integrated Intel UHD Graphics P630 in -G suffix Xeon processors, or Intel UHD Graphics 630 in Core i7, i5, or i3 processors, or Intel UHD Graphics 610 in Pentium Gold G5400. Works along with discrete graphics to support multi-display, enables three display connectors (2x DP, 1x HDMI. HDMI is optional) on rear
Graphics - Discrete graphics card	Up to two PCIe 3.0 x16 slots for discrete graphics card (Slot 1 and 3). Supports the following graphics adapters:

Adapter	Cores	Memory	Power	Connectors	Max qty
NVS 810	1024	4GB DDR3	68W	8x miniDP	1
Quadro P400	256	2GB GDDR5	30W	3x miniDP	2
Quadro P620	512	2GB GDDR5	40W	4x miniDP	2
Quadro P1000	640	4GB GDDR5	47W	4x miniDP	2
Quadro P2000	1024	5GB GDDR5	75W	4x DP	2
Quadro P4000	1792	8GB GDDR5	105W	4x DP	1
Geforce GTX 1060	1280	6GB GDDR5	120W	DVI-D DL, HDMI, 3x DP	1
Geforce GTX 1070	1920	8GB GDDR5	150W	DVI-D DL, HDMI, 3x DP	1
Geforce GTX 1080	2560	8GB GDDR5X	180W	DVI-D DL, HDMI, 3x DP	1
Radeon Pro WX 3100	512	4GB GDDR5	50W	DP, 2x miniDP	2
Radeon Pro WX 4100	1024	4GB GDDR5	50W	4x miniDP	2

Notes:
1. Quadro P4000, 2x Quadro P2000, Geforce GTX1060/1070/1080 needs 400W PSU.
2. Geforce GTX 1060/1070/1080 are dual-slot width.
3. Geforce GTX 1060/1070/1080 and Radeon Pro WX 3100/4100 are SBO.

Storage controllers	Integrated Intel SATA AHCI/RAID controller in chipset, 6Gbps SATA, RAID 0/1/10/5. Four onboard SATA ports for max 4 SATA HDD/SSD/ODD
Internal storage bay	Up to five bays with four disk bays plus one slim optical bay, supports up to 3x 3.5" HDD plus 1x 2.5" SSD, or 4x 2.5" SSD Bay 1: Primary disk bay, 3.5" or 2.5" Bay 2: 2.5" SATA bay, cannot be available when 2nd Quadro P2000 is used Bay 3: Secondary disk bay, 3.5" or 2.5" Bay 4: 5.25" Flex bay, supports one of the following: • Flex module for optional front eSATA/Thunderbolt/IEEE1394 • 3rd disk bay, 3.5" or 2.5", removable, via Front Access Storage Enclosure, using SATA 4 connector as eSATA mode • 3rd disk bay, 3.5" or 2.5",via 5.25" to 3.5" HDD Kit • M.2 drive, via Front removable M.2 enclosure, also occupies slot 1 or 3 Bay 5: 9mm Slim ODD bay
Disks	3.5" HDD supports up to 4TB each, 6Gbps SATA, 7.2K 2.5" SSD supports up to 1TB each, 6Gbps SATA

Components	Specification
M.2 slot for SSD	Up to 3x M.2 SSD with one dedicated onboard M.2 slot plus two PCIe to M.2 adapters. PCIe to M.2 adapter uses slot 1 or 3. Supports RAID 0/1 with PCH, When used as RAID, M.2 SSD should be installed in onboard M.2 slot and slot 3. Up to one Optane memory per system; Optane memory must work with a HDD or SSD; Optane memory cannot supported on Pentium G5400 models
M.2 SSD	M.2 SSD supports up to 1TB each, PCIe 3.0 x4, NVMe, Opal. Optane memory supports 32GB, PCIe 3.0 x2, NVMe, 3D Xpoint
M.2 slot for Wi-Fi and Bluetooth	One dedicated onboard M.2 slot for optional Intel Wireless-AC 9560, 2x2, 2.4GHz/5GHz (160MHz channels), 802.11ac, Bluetooth 5, up to 1.73Gbps
Media reader	Optional SD card reader on most models
Network interfaces	One onboard GbE port via integrated gigabit ethernet Intel i219LM, supports Wake-on-LAN. Optional PCIe ethernet adapters are available
Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant. Optional chassis intrusion switch, cable lock, Kensington lock, and pad lock
Systems management	Intel Active Management Technology 12 on Xeon models, Intel Standard Manageability on other models
Base warranty	US models comes with 3-year limited onsite service with 9x5/NBD. 1 or 3-year limited onsite service with 9x5/NBD in EMEA or other GEOs
HD Audio	Intel HD Audio interface with Realtek ALC233 Codec
Front ports	2x USB 3.1 Gen 1 Type A. 2x USB 3.1 Gen 2 Type A. 1x USB 3.1 Gen 1 Type-C. 1x Mic-in. 1x Combo jack
Rear ports	2x USB 3.1 Gen 1 Type A. 2x USB 2.0 Type-A. 1x RJ-45. 1x COM. 2x DP. *Notes: DP needs Core, Pentium, or -G suffix Xeon processor*
Optional front ports (on flex module)	2x Thunderbolt (USB Type-C), one of two ports supports video-out. 1x eSATA. 1x IEEE1394
Optional rear ports	2x USB 3.1 Type-C. 1x COM. PS/2. 1x Parallel. 1x Thunderbolt. 1x IEEE1394. 1x HDMI. *Notes: HDMI needs Core, Pentium, or -G suffix Xeon processor*
Temperature	Operating: 41 °F to 104 °F (10 °C to 35 °C) Non operating (no package): 14 °F to 140 °F (-10 °C to 60 °C) Non operating (with package): -40 °F to 140 °F (-40 °C to 60 °C)
Altitude	Operating: -15.2 m (-50 ft) to 3048 m (10 000 ft). Storage: -15.2 m (-50 ft) to 10, 668 m (35 000 ft)
Humidity	Operating: 30%~90%, non-condensing Storage (with package): 20%~90%, non-condensing
Environmental certification	RoHS-compliant. GREENGUARD. EPEAT Gold rating and ENERGY STAR 7 qualified
Power supply	Supports one 250W or 400W power supply, 100V - 240V, 92% PSU. Climate Savers Computing Platinum and 80 PLUS Platinum qualified. 400W PSU supports one 6+2-pin aux power connector.
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



ThinkStation P410 Platform Specifications

Components	Specification
Chipset	Intel C612 Platform Controller Hub (PCH)
System mgmt	Intel Active Management Technology 9
Processor	Up to one 140W Intel Xeon E5-1600 v4 family processors. Some Intel Xeon E5-2600 v4 processers are also available:

E5-2637 v4	4C/3.5GHz/15MB/135W/DDR4-2400
E5-2623 v4	4C/2.6GHz/10MB/85W/DDR4-2133
E5-2620 v4	8C/2.1GHz/20MB/85W/DDR4-2133
E5-1680 v4	8C/3.4GHz/20MB/140W/DDR4-2400 333
E5-1660 v4	8C/3.2GHz/20MB/140W/DDR4-2400
E5-1650 v4	6C/3.6GHz/15MB/140W/DDR4-2400
E5-1630 v4	4C/3.7GHz/10MB/140W/DDR4-2400
E5-1620 v4	4C/3.5GHz/10MB/140W/DDR4-2400
E5-1607 v4	4C/3.1GHz/10MB/140W/DDR4-2133
E5-1603 v4	4C/2.8GHz/10MB/140W/DDR4-2133

Coprocessor	None
Memory DIMM slots	4 DIMM sockets. 4-channel capable. RDIMM. ECC. DDR4-2400
Memory capacity	128GB (32GB x 4)
Graphics	Two PCIe 3.0 x16 slots, up to two NVIDIA Quadro M4000, or up to one Quadro P5000
Supporting Graphics and GPU computing	

Adapter	Cores	Memory	Power	Connector***	SLI
NVS 310	48	1GB	19.5W	2xDP	
NVS 315	48	1GB	19.5W	2xDVI-I SL/2xDP	
NVS 510	192	2GB	35W	4xmini DP	
NVS 810	1024	4GB	68W	8xmini DP	
Quadro K420	192	2GB	41W	DVI-I DL+DP	
Quadro K620	384	2GB	45W	DVI-I DL+DP	
Quadro K1200	512	4GB	45W	4xmini DP	
Quadro M2000	768	4GB	75W	4xDP	
Quadro M4000	1664	8GB	120W	4xDP	
Quadro M5000	2048	8GB	150W	DVI-I DL+4xDP	
Quadro P400	256	2GB	30W	3xminiDP	
Quadro P600	384	2GB	40W	4xminiDP	
Quadro P1000	640	4GB	47W	4xminiDP	
Quadro P2000	1024	5GB	75W	4xDP	
Quadro P4000	1792	8GB	105W	4xDP	SLI
Quadro P5000	2560	16GB	180W	DVI-D DL+4xDP	

Disk drive controller	**RAID 0, 1, 5, 10** with onboard SATA controller in chipset, SATA 6Gb/s. Optional **RAID 0, 1, 10** with optional LSI 9340-8i PCIe adapter, 12Gb/s SAS and SATA, optional upgrade to RAID 5 is available
Drive Bays	Two external 5.25" flex bays, two internal 3.5" bays. Up to one 9.5mm optical plus four 3.5"/2.5" disk drives plus three M.2 PCIe SSD (see right)
Supporting storage	

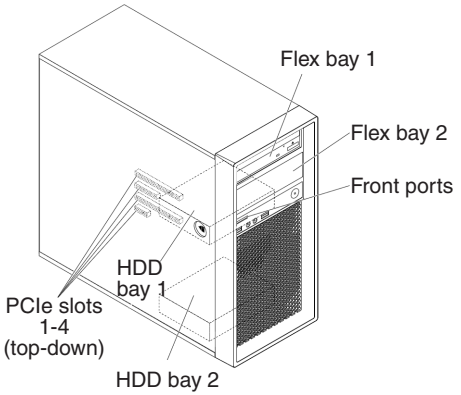
3.5" HDD, 7.2K SATA6Gbs	500GB/1TB/2TB/3TB/4TB/6TB, 1TB/2TB hybrid
2.5" HDD, 10K SAS12Gbs	300GB/600GB
2.5" SSD, SATA6Gbs	180GB/240GB/256GB/480GB/512GB with OPAL, 256GB/512GB/1TB without OPAL
PCIe SSD, M.2 via PCIe 3.0 x4 adapter	256GB/512GB/1TB, NVMe

Flex connector	None
Network interfaces	One onboard gigabit ethernet, Intel I218LM, supports Wake-on-LAN. Optional discrete ethernet adapters are available
HD Audio	Realtek ALC662 codec
TPM	TCG 1.2-compliant
Power supply	One fixed 450 watts, autosensing, 92%, 80 PLUS Platinum qualified
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Two USB 2.0, four USB 3.0, one ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in)

Components	Specification
Additional ports	Supports the following optional ports: Two IEEE 1394 (one on rear and one on front flex module) via PCIe adpater, up to one adapter per system. Two rear USB 3.0 per PCIe adapter, up to three adapters per system. One rear Thunderbolt via PCIe adapter, or two front Thunderbolt (on flex module) via PCIe adapter, front and rear Thunderbolt cannot be intermixed. One rear serial via cable, up to one per system. One front eSATA (on flex module), or one rear eSATA via cable and PCIe slot bracket, up to one eSATA port per system
Media reader	9-in-1 USB 2.0 card reader. Optional 29-in-1 USB 2.0 card reader on flex module
Mechanical	• 6.89"W x 16.77"D x 14.8"H • 175mm W x 426mm D x 376mm H • 30.86 lb (14kg) max configuration • 25-liter
Environmental specification	

Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating	10%~80%, non-condensing
Humidity - storage (with package)	10%~90%, non-condensing

	RoHS-compliant, GREENGUARD on all models. EPEAT Gold rating, ENERGY STAR 6.1 qualified on selected models.
Base warranty	1 or 3-year limited onsite service with 9x5/NBD
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Expansion slots

Slot 1	PCIe 3.0 x16, full length, full height
Slot 2	PCIe 3.0 x8, full length, full height
Slot 3	PCIe 3.0 x16, full length, full height
Slot 4	PCIe 2.0 x4, half length, full height

Drive Bays

HDD bay 1	3.5", for one 3.5"/2.5" drive
HDD bay 2	3.5", for one 3.5"/2.5" drive
Flex bay 1	HH optical, or 3.5" HDD bay via optional conversion kit, or slim optical+3.5" HDD bay kit via optional conversion kit, or flex module
Flex bay 2	HH optical, or 3.5" HDD bay via optional conversion kit, or slim optical+3.5" HDD bay kit via optional conversion kit, or flex module

Note:
1. HDD bay 2 is not available when one Quadro M5000, two Quadro M4000, or two NVS 810 are used.
2. Flex module supports one or more of the following options: 9.5mm optical/29-in-1 USB 2.0 reader/one front IEEE 1394/one front eSATA/two front Thinderbolt. Up to one flex module is supported per system.
3. Up to one slim optical+3.5" HDD bay kit is supported per system.

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ThinkStation P510 Platform Specifications

Components	Specification
Chipset	Intel C612 Platform Controller Hub (PCH)
System mgmt	Intel Active Management Technology 9
Processor	Up to one 145W Intel Xeon E5-2600 v4 or E5-1600 v4 family processors. 22 cores up to 2.2GHz, 16 cores up to 2.6GHz, 14 cores up to 2.6GHz, 12 cores up to 2.2GHz, 10 cores up to 2.4GHz, 8 cores up to 3.4GHz, 6 cores up to 3.6GHz, 4 cores up to 3.7GHz Or up to one Intel Xeon E5-2600 v3 or E5-1600 v3 processors (not available in EMEA).
Coprocessor	None
Memory DIMM slots	8 DIMM sockets, 4-channel capable. RDIMM, ECC, DDR4, 2400MHz
Memory capacity	256GB
Graphics, GPU computing	Two PCIe 3.0 x16 slots for graphics and GPU computing adapters. Up to two NVIDIA Quadro M5000 SLI
Supporting Graphics and GPU computing	

Adapter	Cores	Memory	Power	Connector***	SLI
NVS 310	48	1GB	19.5W	2xDP	
NVS 315	48	1GB	19.5W	2xDVI-I SL/2xDP	
NVS 510	192	2GB	35W	4xmini DP	
NVS 810	1024	4GB	68W	8xmini DP	
Quadro K420	192	2GB	41W	DVI-I DL+DP	
Quadro K620	384	2GB	45W	DVI-I DL+DP	
Quadro K1200	512	4GB	45W	4xmini DP	
Quadro K2200	640	4GB	68W	DVI-I DL+2xDP	
Quadro K4200	1344	4GB	108W	DVI-I DL+2xDP	
Quadro K5200	2304	8GB	150W	DVI-I DL+DVI-D DL+2xDP	SLI
Quadro M2000	768	4GB	75W	4xDP	
Quadro M4000	1664	8GB	120W	4xDP	
Quadro M5000	2048	8GB	150W	DVI-I DL+4xDP	SLI
Quadro M6000	3072	24GB	250W	DVI-I DL+4xDP	
Quadro P400	256	2GB	30W	3xminiDP	
Quadro P600	384	2GB	40W	4xminiDP	
Quadro P1000	640	4GB	47W	4xminiDP	
Quadro P2000	1024	5GB	75W	4xDP	
Quadro P4000	1792	8GB	105W	4xDP	SLI
Quadro P5000	2560	16GB	180W	DVI-D DL+4xDP	SLI
Quadro P6000	3840	24GB	250W	DVI-D DL+4xDP	
Tesla K40	2880	12GB	235W		

RAID controller	Supports one of the following: **RAID 0, 1, 5, 10** with onboard SATA controller in chipset, SATA 6Gb/s. **RAID 0, 1, 5, 10** with optional LSI RAID flex adapter, 12Gb/s SAS and SATA. **RAID 0, 1, 5, 6, 10** with optional LSI 9364-8i PCIe adapter, 1GB memory, 12Gb/s SAS and SATA
Drive Bays	Two external 5.25" flex bays for flex module, optical drives, or optional disk drives. Four 3.5" internal bays. Each 3.5" bay can support dual drives on selected models (see right).
Flex bay	Two 5.25" flex bays for optical drives, Front Access Storage Enclosure drives, Flex Bay Storage Enclosure drives, or flex module. • Up to two half-height optical drives or up to one 9.5mm optical drive, DVD-ROM, DVD±RW, or Blu-Ray burner • Up to one Front Access Storage Enclosure for one 3.5" or 2.5" SATA drive. • Up to two Flex Bay Storage Enclosure for two 3.5" or 2.5" SATA drives.
Supporting storage	

3.5" HDD, 7.2K SATA6Gbs	500GB/1TB/2TB/3TB/4TB/6TB/1TB hybrid/2TB hybrid
2.5" HDD, 15K SAS12Gbs	300GB/600GB
2.5" SSD, SAS12Gbs	200GB/400GB/800GB
2.5" SAS HDD, 10K 12Gbs	300GB
2.5" SSD, SATA6Gbs	180GB/240GB/256GB/480GB/512GB with OPAL, 256GB/512GB/1TB without OPAL
PCIe SSD, U.2	400GB
PCIe SSD, M.2	256 GB/512GB/1TB
PCIe SSD adapter	400GB (up to 3 per system)

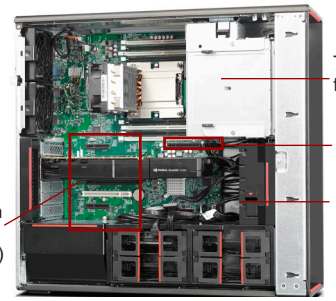
Flex connector	One flex connector, supports one of the following: • Up to one LSI RAID flex adapter for SATA/SAS RAID • Up to one Multi-I/O flex adapters for one 2.5" PCIe SSD • Up to one M.2 flex adapters for one M.2 PCIe SSD

Components	Specification
Network interfaces	Integrated one Gigabit Ethernet (Intel i218LM), supports Wake-on-LAN. Optional discrete Ethernet is available
HD Audio	Realtek ALC662 codec
TPM	TCG 1.2-compliant
Power supply	One fixed 490 watts, autosensing, 90%, 80 PLUS Gold qualified. Or one fixed 650 watts, autosensing, 92%, 80 PLUS Platinum qualified
Front ports	Four USB 3.0 (one Diagnostic, one Always On), one combo audio/microphone jack (3.5mm)
Rear ports	Four USB 2.0, four USB 3.0, one serial (9-pin), one ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in), two PS/2
Add-on ports	Supports the following optional ports: Two IEEE 1394 (one on rear and one on front flex module) via PCIe adpater, up to one adapter per system. Two rear USB 3.0 per PCIe adapter, up to three adapters per system. One rear Thunderbolt via PCIe adapter. One front eSATA (on flex module), or one rear eSATA via cable (also needs one PCIe slot), up to one eSATA port per system. One internal USB 3.0 port via cable, cannot be intermixed with 29-in-1 reader
Media reader	9-in-1 USB 2.0 or 29-in-1 USB 3.0 card reader
Mechanical	• 36-liter: 175mm/6.89" W x 470mm/18.5" D x 440mm/17.32" H (with feet) • Tool-less parts: all except CPU fansink • 48.94 lb (22.2kg) max configuration
Environmental specification	

Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating	10%~80%, non-condensing
Humidity - storage (with package)	10%~90%, non-condensing

RoHS-compliant, GREENGUARD on all models. EPEAT Gold rating, ENERGY STAR 6.1 qualified on selected models.

Base warranty	3-year limited onsite service with 9x5/NBD
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Expansion slots

Slot 1: PCIe 3.0 x4, Half length, full height
Slot 2: PCIe 3.0 x16, Full length, full height
Slot 3: PCIe 2.0 x1, Full length, full height
Slot 4: PCIe 3.0 x16, Full length, full height
Slot 5: PCI, Full length, full height
Slot 6: PCIe 2.0 x4, Half length, full height

Drive Bays

HDD 1-4: Standard 3.5" HDD bay, up to four 3.5" or 2.5" disk drives.
On selected models, each 3.5" bay can supports 2.5" (9mm or less) drive plus 3.5"drive, or two 2.5" (15mm or less) drives.

Flex bay: Two 5.25" flex bays, for HH optical drives.
Or up to one optional flex module (Flex module supports one or more of the following options: 9.5mm optical/29-in-1 USB 3.0 reader/front IEEE 1394/front eSATA).
Or up to two HDD bays for two drives, 3.5" or 2.5" each, SATA only.

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ThinkStation P520 Platform Specifications

Components	Specification
Form factor	33L Tower
Dimensions	165mm/6.5" W x 460mm/18.1" D x 440mm/17.3" H (with feet)
Weight	Maximum configuration: 52.91 lb (24kg)
Processor	Up to one 140W Intel Xeon W family processor. Up to 18 cores at 2.3GHz, up to 4.0GHz with 4 cores. Memory speed up to DDR4-2666
Chipset	Intel C422 Chipset
Memory	8 DIMM sockets with 4 channels. RDIMMs. DDR4-2666
Memory capacity	Up to 256GB with 8 x 32GB RDIMMs
Memory protection	ECC
Graphics	Two PCIe 3.0 x16 slots (see Expansion slots section). Up to two NVIDIA Quadro P6000 (900W PSU is needed). Supports the following graphics adapters:

Adapter	Cores	Memory	Power	Connector	SLI
NVS 310	48	1GB	19.5W	2xDP	
NVS 315	48	1GB	19.3W	2xDVI-I SL/2xDP	
NVS 510	192	2GB	33.4W	4xmini DP	
NVS 810	1024	4GB	68W	8xmini DP	
Quadro P400	256	2GB	30W	3xminiDP	
Quadro P600	384	2GB	45W	4xminiDP	
Quadro P620	512	2GB GDDR5	40W	4x miniDP	
Quadro P1000	640	4GB	50W	4xminiDP	
Quadro P2000	1024	5GB	75W	4xDP	
Quadro P4000	1792	8GB	120W	4xDP	
Quadro P5000	2560	16GB	180W	DVI-D DL+4xDP	SLI
Quadro P6000	3840	24GB	250W	DVI-D DL+4xDP	
Quadro GV100	5120	32GB HBM2	250W	4xDP	

Storage controllers	Integrated Intel SATA AHCI/RAID controller in chipset, 6Gbps SATA, RAID 0/1/10/5. Integrated Intel PCIe host in processor for M.2 PCIe NVMe drives, optional RAID 0/1/10 with Intel NVMe RAID upgrade basic, optional RAID 0/1/10/5 with Intel NVMe RAID upgrade premium. Optional Broadcom 9440-8i, PCIe adapter, 12Gbps, SATA/SAS, RAID 0/1/10/5. Or optional Broadcom 9460-16i with 4GB DDR4 memory and SuperCap, PCIe adapter, 12Gbps, SATA/SAS, RAID 0/1/10/5/6
5.25" flex bay	Two 5.25" flex bays, supports the following options: • Up to two half-height optical drives. • Up to two 5.25" slim ODD cages. • Up to two 5.25" slim ODD and HDD cages. • Up to one Front Access Storage Enclosure. • Up to one flex module for one or more of the following options: 9.0mm optical/ 15-in-1 USB 3.0 reader/front eSATA/front Thunderbolt/front USB 3.0 Type-C/ 4-digit diagnostic display *Note:* *1. Only one can be supported from 15-in-1 reader, Thunderbolt, and 4-digit display* *2. Up to two ports are suppported from 1394, eSATA, and USB Type-C*
Disk drive bays	Up to four internal 3.5" drive bays. Two standard, two optional. Each bay supports one 3.5" or 2.5" disk. Up to two 2.5" or 3.5" SATA/SAS disk drives on 5.25" flex bays via 5.25" Front Access Storage Enclosure supports SATA or 5.25" slim ODD and HDD cage
M.2 slots	Up to 9 x M.2 PCIe NVMe SSD: • Two onboard M.2 slots. • Up to one full height, full length PCIe 3.0 x16 adapter, supports four M.2 slots. • Up to three PCIe 3.0 x4 adapters, each adapter supports one M.2 slot Supports RAID 0/1 on onboard M.2 disks and RAID 0/1/10/5 on quad M.2 PCIe x16 adapter, optional NVMe RAID upgrade is needed

Internal storage	
HDD 7.2K 3.5" SATA6Gbps	1TB/2TB/4TB/6TB
HDD 7.2K 2.5" SATA6Gbps	500GB FIPS
SSD 2.5" SATA6Gbps	256GB Opal/512GB/512GB Opal/1TB Opal/2TB Opal
M.2 PCIe NVMe, PCIe 3.0 x4	256GB Opal/512GB Opal/1TB Opal/2TB Opal

Media reader	9-in-1 USB 2.0 card reader on most models. Optional UHS-II 15-in-1 USB 3.0 reader on flex module
Network interfaces	Integrated one gigabit ethernet (Intel i219LM), supports Wake-on-LAN. Optional PCIe ethernet or wireless adapters are available
Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant, switch to 1.2 via UEFI setting. Optional access panel lock, Kensington lock, and pad lock

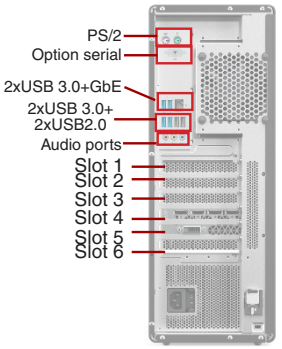
Components	Specification
Systems management	Intel Active Management Technology 11. Front panel warning LED. ThinkStation Diagnostics for Windows. Photo-audio transfer with Lenovo PC Diagnostics for Android and iOS. Optional front 4-digit diagnostic display on flex module
Base warranty	1 or 3-year limited onsite service with 9x5/NBD
HD Audio	Realtek ALC662 codec for rear audio ports, Realtek ALC233 codec for front audio port
Front ports	Four USB 3.0 (includes one 11W charging), one combo audio/microphone jack (3.5mm)
Rear ports	Two USB 2.0, four USB 3.0, one ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in), two PS/2
Optional ports	Supports the following optional ports: • Optional COM port • Two USB Type-C ports via PCIe adapter, USB 3.1 gen 2. One 15W, one 5W • Two Thunderbolt ports (USB Type-C) on flex module, one of two ports supports video-out. • One eSATA on flex module • One internal USB 3.0 port
Power supply	One fixed 690W or 900W, autosensing, 92%, 80 PLUS Platinum qualified
Environmental specification	

Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
Altitude - operating	(Unpressurized): -50ft-10000ft (-15.2m-3048m)
Humidity - operating	10%~80%, non-condensing
Humidity - storage (with package)	10%~90%, non-condensing

RoHS-compliant. GREENGUARD. EPEAT Gold rating and ENERGY STAR 6.1 qualified on following models:

Model	30BE0008US	30BE0009US
Processor	Intel Xeon W-2123	Intel Xeon W-2123
Memory	2 x 8GB RDIMM DDR4-2666 ECC	2 x 8GB RDIMM DDR4-2666 ECC
Disks	2x1TB HDD 7.2K 3.5" SATA6Gbps	2 x 256GB SSD 2.5" SATA6Gbps Opal
Graphics	NVIDIA Quadro P400 2GB	NVIDIA Quadro P4000 8GB
Optical	HH DVD±RW	HH DVD±RW
PSU	690W	690W
OS	Win10 Pro 64	Win10 Pro 64

ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Note: All expansion cards are optional

Expansion slots

Slot 1 (CPU)	PCIe 3.0 x8, full height, full length, 25W, open ended
Slot 2 (CPU)	PCIe 3.0 x16, full height, full length, 75W, double-width
Slot 3 (PCH)	PCIe 3.0 x4, full height, half length, 25W, open ended
Slot 4 (CPU)	PCIe 3.0 x16, full height, full length, 75W, double-width
Slot 5	PCI, full height, full length, 25W
Slot 6 (PCH)	PCIe 3.0 x4, full height, half length, 25W, open ended

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ThinkStation P520c Platform Specifications

Components	Specification
Form factor	25L Tower
Dimensions	175mm/6.89" W x 426mm/16.77" D x 376mm/14.8" H (with feet)
Weight	Maximum configuration: 31.97 lb (14.5kg)
Processor	Up to one 140W Intel Xeon W family processor. Up to 18 cores at 2.3GHz, up to 4.0GHz with 4 cores. Memory speed up to DDR4-2666
Chipset	Intel C422 Chipset
Memory	4 DIMM sockets with 4 channels. RDIMMs. DDR4-2666
Memory capacity	Up to 128GB with 4 x 32GB RDIMMs
Memory protection	ECC
Graphics	Two PCIe 3.0 x16 slots (see Expansion slots section). Up to one NVIDIA Quadro P5000 plus one Quadro P2000, or up to two Quadro P4000. Other graphics adapters under 75W up to 2. Supports the following graphics adapters:

Adapter	Cores	Memory	Power	Connector	SLI
NVS 310	48	1GB	19.5W	2xDP	
NVS 315	48	1GB	19.3W	2xDVI-I SL/2xDP	
NVS 510	192	2GB	33.4W	4xmini DP	
NVS 810	1024	4GB	68W	8xmini DP	
Quadro P400	256	2GB	30W	3xminiDP	
Quadro P600	384	2GB	45W	4xminiDP	
Quadro P620	512	2GB GDDR5	40W	4x miniDP	
Quadro P1000	640	4GB	50W	4xminiDP	
Quadro P2000	1024	5GB	75W	4xDP	
Quadro P4000	1792	8GB	120W	4xDP	
Quadro P5000	2560	16GB	180W	DVI-D DL+4xDP	

Storage controllers	Integrated Intel SATA AHCI/RAID controller in chipset, 6Gbps SATA, RAID 0/1/10/5. Integrated Intel PCIe host in processor for M.2 PCIe NVMe drives, optional RAID 0/1 with Intel NVMe RAID upgrade basic. Optional Broadcom 9440-8i, PCIe adapter, 12Gbps, SATA/SAS, RAID 0/1/10/5
5.25" flex bay	Two 5.25" flex bays, supports the following options: • Up to two half-height optical drives. • Up to two 5.25" slim ODD cages. • Up to two 5.25" slim ODD and HDD cages. • Up to one Front Access Storage Enclosure. • Up to one flex module for one or more of the following options: 9.0mm optical/ 15-in-1 USB 3.0 reader/front eSATA/front Thunderbolt/front USB 3.0 Type-C/ 4-digit diagnostic display *Note:* *1. Only one can be supported from 15-in-1 reader, Thunderbolt, and 4-digit display* *2. Up to two ports are suppported from 1394, eSATA, and USB Type-C*
Disk drive bays	Up to two internal 3.5" drive bays. Each bay supports one 3.5" or 2.5" disk. Up to two 2.5" or 3.5" SATA/SAS disk drives on 5.25" flex bays via 5.25" Front Access Storage Enclosure supports SATA or 5.25" slim ODD and HDD cage
M.2 slots	Up to 5 x M.2 PCIe NVMe SSD: • Two onboard M.2 slots. • Up to three PCIe 3.0 x4 adapters, each adapter supports one M.2 slot Supports RAID 0/1 on onboard M.2 disks, optional NVMe RAID upgrade is needed

Internal storage	
HDD 7.2K 3.5" SATA6Gbps	1TB/2TB/4TB
HDD 7.2K 2.5" SATA6Gbps	500GB FIPS
SSD 2.5" SATA6Gbps	256GB Opal/512GB/512GB Opal/1TB Opal/2TB Opal
M.2 PCIe NVMe, PCIe 3.0 x4	256GB Opal/512GB Opal/1TB Opal/2TB Opal

Media reader	9-in-1 USB 2.0 card reader on most models. Optional UHS-II 15-in-1 USB 3.0 reader on flex module
Network interfaces	Integrated one gigabit ethernet (Intel i219LM), supports Wake-on-LAN. Optional PCIe ethernet or wireless adapters are available
Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant, switch to 1.2 via UEFI setting. Optional Kensington lock, and pad lock
Systems management	Intel Active Management Technology 11. ThinkStation Diagnostics for Windows. Optional front 4-digit diagnostic display on flex module
Base warranty	1 or 3-year limited onsite service with 9x5/NBD
HD Audio	Realtek ALC662 codec
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Two USB 2.0, four USB 3.0, one ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in), two PS/2

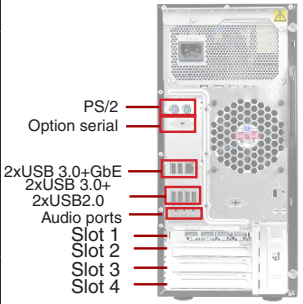
Components	Specification
Optional ports	Supports the following optional ports: • Optional COM port • Two USB Type-C ports via PCIe adapter, USB 3.1 gen 2. One 15W, one 5W • Two Thunderbolt ports (USB Type-C) on flex module, one of two ports supports video-out. • One eSATA on flex module • One internal USB 3.0 port
Power supply	One fixed 500W, autosensing, 92%, 80 PLUS Platinum qualified
Environmental specification	

Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
Altitude - operating	(Unpressurized): -50ft-10000ft (-15.2m-3048m)
Humidity - operating	10%~80%, non-condensing
Humidity - storage (with package)	10%~90%, non-condensing

RoHS-compliant. GREENGUARD. EPEAT Gold rating and ENERGY STAR 6.1 qualified on following models:

Model	30BX0008US	30BX0009US
Processor	Intel Xeon W-2123	Intel Xeon W-2123
Memory	2x 8GB RDIMM DDR4-2666 ECC	2x 8GB RDIMM DDR4-2666 ECC
Disks	2x 1TB HDD 7.2K 3.5" SATA6Gbps	2x 256GB SSD 2.5" SATA6Gbps Opal
Graphics	NVIDIA Quadro P400 2GB	NVIDIA Quadro P4000 8GB
Optical	HH DVD±RW	HH DVD±RW
PSU	500W	500W
OS	Win10 Pro 64	Win10 Pro 64

ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Note: All expansion cards are optional

Expansion slots

Slot 1 (CPU)	PCIe 3.0 x16, full height, full length, 75W,
Slot 2 (CPU)	PCIe 3.0 x8, full height, full length, 25W, open ended
Slot 3 (CPU)	PCIe 3.0 x16, full height, full length, 75W
Slot 4 (PCH)	PCIe 3.0 x4, full height, half length, 25W, open ended

Note: When NVIDIA Quadro P5000, dual Quadro NVS 810, or dual Quadro P4000 is used, the HDD bay on the bottom will be unavailable

ThinkStation P710 Platform Specifications

Components	Specification
Chipset	Intel C612 Platform Controller Hub (PCH)
System mgmt	Intel Active Management Technology 9
Processor	Up to two 145W **Intel Xeon E5-2600 v4** family processors. Each processor supports up to 22 cores up to 2.2GHz, 16 cores up to 2.6GHz, 14 cores up to 2.6GHz, 12 cores up to 2.2GHz, 10 cores up to 2.4GHz, 8 cores up to 3.2GHz, 6 cores up to 3.4GHz, 4 cores up to 3.5GHz. Or up to two Intel Xeon E5-2620 v3 or E5-2609 v3 processors (not available in EMEA)
Coprocessor	None
Memory DIMM slots	12 DIMM sockets (6 DIMMs per processor), 8-channel capable (4-channel per processor). RDIMM, ECC, DDR4-2400
Memory capacity	384GB, 2nd CPU is needed
Graphics, GPU computing	Three PCIe 3.0 x16 slots, two via CPU1, one via CPU2. Up to three graphics and GPU computing adapters, 2nd CPU is needed

PSU	Maximum quantity of PCIe x16 adapters per system (by power)
650W	1x150W+2x75W with onboard SATA controller and up to two 120W CPU each
850W	1x300W+2x75W (up to two 120W CPU each), or 2x150W+1x75W

Supporting Graphics and GPU computing

Adapter	Cores	Memory	Power	Connector***	SLI
NVS 310	48	1GB	19.5W	2xDP	
NVS 315	48	1GB	19.5W	2xDVI-I SL/2xDP	
NVS 510	192	2GB	35W	4xmini DP	
NVS 810	1024	4GB	68W	8xmini DP	
Quadro K420	192	2GB	41W	DVI-I DL+DP	
Quadro K620	384	2GB	45W	DVI-I DL+DP	
Quadro K1200	512	4GB	45W	4xmini DP	
Quadro K2200	640	4GB	68W	DVI-I DL+2xDP	
Quadro K4200	1344	4GB	108W	DVI-I DL+2xDP	
Quadro K5200	2304	8GB	150W	DVI-I DL+DVI-D DL+2xDP	SLI
Quadro M2000	768	4GB	75W	4xDP	
Quadro M4000	1664	8GB	120W	4xDP	
Quadro M5000	2048	8GB	150W	DVI-I DL+4xDP	SLI
Quadro M6000	3072	24GB	250W	DVI-I DL+4xDP	SLI
Quadro P400	256	2GB	30W	3xminiDP	
Quadro P600	384	2GB	40W	4xminiDP	
Quadro P1000	640	4GB	47W	4xminiDP	
Quadro P2000	1024	5GB	75W	4xDP	
Quadro P4000	1792	8GB	105W	4xDP	SLI
Quadro P5000	2560	16GB	180W	DVI-D DL+4xDP	SLI
Quadro P6000	3840	24GB	250W	DVI-D DL+4xDP	
Tesla K40	2880	12GB	235W		

Disk drive controller	**RAID 0, 1, 5, 10** with onboard SATA controller in chipset, SATA 6Gb/s. **RAID 0, 1, 5, 10** with optional LSI RAID flex adapter, 12Gb/s SAS and SATA. **RAID 0, 1, 5, 6, 10** with optional LSI 9364-8i PCIe adapter, 1GB memory, 12Gb/s SAS and SATA
Drive Bays	Two external 5.25" flex bays, four 3.5" internal bays. Each 3.5" bay can support dual drives on selected models (see right)
Flex bay	Two 5.25" flex bays for optical drives, Front Access Storage Enclosure drives, Flex Bay Storage Enclosure drives, or flex module. • Up to two half-height optical drives or up to one 9.5mm optical drive, DVD-ROM, DVD±RW, or Blu-Ray burner • Up to one Front Access Storage Enclosure for one 3.5" or 2.5" SATA drive. • Up to two Flex Bay Storage Enclosure for two 3.5" or 2.5" SATA drives.

Supporting storage

3.5" SATA HDD, 7.2K 6Gbs	500GB/1TB/2TB/3TB/4TB/6TB/1TB hybrid/2TB hybrid
2.5" SAS HDD, 15K 12Gbs	300GB/600GB
2.5" SAS SSD, 12Gbs	200GB/400GB/800GB
2.5" SAS HDD, 10K 12Gbs	300GB
2.5" SSD, SATA6Gbs	180GB/240GB/256GB/480GB/512GB with OPAL, 256GB/512GB/1TB without OPAL
PCIe SSD, 2.5"	400GB
PCIe SSD, M.2	256 GB/512GB/1TB
PCIe SSD adapter	400GB (up to 4 per system, 2nd CPU is needed)

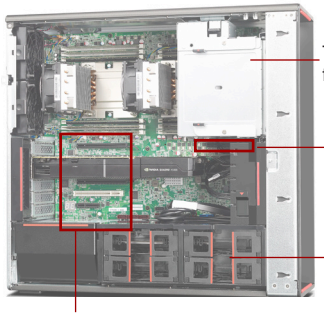
Components	Specification
Flex connector	One flex connectors (see right), supports one of the following: • Up to one LSI RAID flex adapter for SATA/SAS RAID • Up to one Multi-I/O flex adapters for two PCIe SSD • Up to one M.2 flex adapters for two M.2 PCIe SSD
Network interfaces	Integrated two-port gigabit ethernet (Intel i218LM and i210AT), supports Wake-on-LAN. Optional discrete ethernet adapters are available
HD Audio	Realtek ALC662 codec
TPM	TCG 1.2-compliant
Power supply	One fixed 650 watts or 850 watts, autosensing, 92%, 80 PLUS Platinum qualified
Front ports	Four USB 3.0 (one Diagnostic, one Always On), one combo audio/microphone jack (3.5mm)
Rear ports	Four USB 2.0, four USB 3.0 (blue), one serial (9-pin), two ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in), two PS/2
Add-on ports	Supports the following optional ports: Two IEEE 1394 (one on rear and one on front flex module) via PCIe adpater, up to one adapter per system. Two rear USB 3.0 per PCIe adapter, up to three adapters per system. One rear Thunderbolt via PCIe adapter. One front eSATA (on flex module), or one rear eSATA via cable (also needs one PCIe slot), up to one eSATA port per system. One internal USB 3.0 port via cable, cannot be intermixed with 29-in-1 reader
Media reader	9-in-1 USB 2.0 card reader. Optional 29-in-1 USB 3.0 card reader on flex module
Mechanical	• 36-liter: 175mm/6.89" W x 485mm/19.1" D x 446mm/17.6" H (with feet) • Tool-less parts: all except CPU fansink • 52.25 lb (23.7kg) max configuration

Environmental specification

Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating	10%~80%, non-condensing
Humidity - storage (with package)	10%~90%, non-condensing

RoHS-compliant, GREENGUARD on all models. EPEAT Gold rating, ENERGY STAR 6.1 qualified on selected models.

Base warranty	3-year limited onsite service with 9x5/NBD
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Expansion slots
Slot 1: PCIe 3.0 x16, half length, full height, CPU2 needed (full length, full height if no flex adapter)
Slot 2: PCIe 3.0 x16, full length, full height
Slot 3: PCIe 3.0 x8, full length, full height, CPU2 needed
Slot 4: PCIe 3.0 x16, full length, full height
Slot 5: PCI, full length, full height
Slot 6: PCIe 2.0 x4, half length, full height
Also supports one flex connector

Drive Bays
HDD 1-4: Standard 3.5" HDD bay, up to four 3.5" or 2.5" disk drives.
On selected models, each 3.5" bay can supports 2.5" (9mm or less) drive plus 3.5"drive, or two 2.5" (15mm or less) drives.
Flex bay: Two 5.25" flex bays, for HH optical drives.
Or up to one optional flex module (Flex module supports one or more of the following options: 9.5mm optical/29-in-1 USB 3.0 reader/front IEEE 1394/front eSATA).
Or up to two HDD bays for two drives, 3.5" or 2.5" each, SATA only.

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ThinkStation P720 Platform Specifications

Components	Specification
Form factor	36L Tower
Dimensions	175mm/6.89" W x 485mm/19.1" D x 446mm/17.6" H (with feet)
Weight	Maximum configuration: 52.25 lb (23.7kg)
Processor	Up to two 150W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 26 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s
Chipset	Intel C621 Chipset
Memory	Up to 12 DIMM sockets. Each processor supports up to 6 DIMM sockets with 6 channels. RDIMMs. DDR4-2666
Memory capacity	Up to 384GB with 12 x 32GB RDIMMs and two processors
Memory protection	ECC
Graphics	Up to three PCIe 3.0 x16 slots depending on the processors installed (see Expansion slots section). Up to one NVIDIA Quadro P6000, or up to two Quadro P5000, Quadro P4000, or NVS 810, other graphics adapters under 75W up to 3, 900W PSU is needed. Supports the following graphics adapters:

Adapter	Cores	Memory	Power	Connector	SLI
NVS 310	48	1GB	19.5W	2xDP	
NVS 315	48	1GB	19.3W	2xDVI-I SL/2xDP	
NVS 510	192	2GB	33.4W	4xmini DP	
NVS 810	1024	4GB	68W	8xmini DP	
Quadro P400	256	2GB	30W	3xminiDP	
Quadro P600	384	2GB	45W	4xminiDP	
Quadro P620	512	2GB GDDR5	40W	4x miniDP	
Quadro P1000	640	4GB	50W	4xminiDP	
Quadro P2000	1024	5GB	75W	4xDP	
Quadro P4000	1792	8GB	120W	4xDP	
Quadro P5000	2560	16GB	180W	DVI-D DL+4xDP	SLI
Quadro P6000	3840	24GB	250W	DVI-D DL+4xDP	
Quadro GV100	5120	32GB HBM2	250W	4xDP	

Storage controllers	Integrated Intel SATA AHCI/RAID controller in chipset, 6Gbps SATA, RAID 0/1/10/5. Integrated Intel PCIe host in processor for M.2 PCIe NVMe drives, optional RAID 0/1/10 with Intel NVMe RAID upgrade basic, optional RAID 0/1/10/5 with Intel NVMe RAID upgrade premium. Optional Broadcom 9440-8i, PCIe adapter, 12Gbps, SATA/SAS, RAID 0/1/10/5. Or optional Broadcom 9460-16i with 4GB DDR4 memory and SuperCap, PCIe adapter, 12Gbps, SATA/SAS, RAID 0/1/10/5/6
5.25" flex bay	Two 5.25" flex bays, supports the following options: • Up to two half-height optical drives. • Up to two 5.25" slim ODD cages, each supports one 9.0mm optical drive. • Up to one 5.25" slim ODD and HDD cage for one 9.0mm optical drive plus one 3.5" or 2.5" SATA disk. • Up to one Front Access Storage Enclosure for one 3.5" or 2.5" SATA disk • Up to one flex module for one or more of the following options: 9.0mm optical/ 15-in-1 USB 3.0 reader/front eSATA/front Thunderbolt/front USB 3.0 Type-C/ 4-digit diagnostic display *Note:* *1. Only one can be supported from 15-in-1 reader, Thunderbolt, and 4-digit display* *2. Up to two ports are suppported from 1394, eSATA, and USB Type-C*
Disk drive bays	Up to four internal 3.5" drive bays. Two standard, two optional. Each bay supports one 3.5" or 2.5" disk. Selected models supports four internal 3.5" dual drive bays, each bay supports one 3.5" HDD plus one 2.5" SATA SSD, or two 2.5" SATA SSD. Supports up to four 2.5" U.2 SSD on selected models. Up to two 2.5" or 3.5" SATA disk drives on 5.25" flex bays via one 5.25" Front Access Storage Enclosure plus one 5.25" slim ODD and HDD cage
M.2 slots	Up to 9 x M.2 PCIe NVMe SSD: • Two onboard M.2 slots. • Up to one full height, full length PCIe 3.0 x16 adapter, supports four M.2 slots. • Up to three PCIe 3.0 x4 adapters, each adapter supports one M.2 slot *Note: Supports RAID 0/1 on onboard M.2 disks and RAID 0/1/10/5 on quad M.2 PCIe x16 adapter, NVMe RAID upgrade is needed*
Internal storage	HDD 7.2K 3.5" SATA6Gbps: 1TB/2TB/4TB/6TB HDD 7.2K 2.5" SATA6Gbps: 500GB FIPS SSD 2.5" SATA6Gbps: 256GB Opal/512GB/512GB Opal/1TB Opal/2TB Opal M.2 PCIe NVMe, PCIe 3.0 x4: 256GB Opal/512GB Opal/1TB Opal

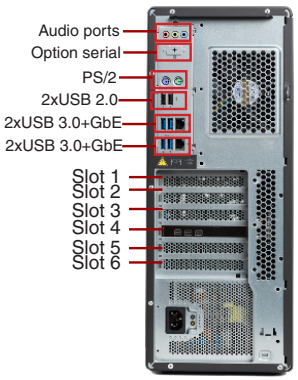
Components	Specification
Media reader	9-in-1 USB 2.0 card reader on most models. Optional UHS-II 15-in-1 USB 3.0 reader on flex module
Network interfaces	Integrated two-port gigabit ethernet (Intel i219LM and i210AT), supports Wake-on-LAN on both two ports. Optional PCIe ethernet or wireless adapters are available
Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant, switch to 1.2 via UEFI setting. Chassis intrusion switch. Optional access panel lock, Kensington lock, and pad lock
Systems management	Intel Active Management Technology 11. Front panel warning LED. ThinkStation Diagnostics for Windows. Photo-audio transfer with Lenovo PC Diagnostics for Android and iOS. Optional front 4-digit diagnostic display on flex module
Base warranty	1 or 3-year limited onsite service with 9x5/NBD
HD Audio	Realtek ALC662 codec
Front ports	Four USB 3.0 (includes one 11W charging), one combo audio/microphone jack (3.5mm)
Rear ports	Two USB 2.0, four USB 3.0, two ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in), two PS/2
Optional ports	Supports the following optional ports: • Optional COM port • Two USB Type-C ports via PCIe adapter, USB 3.1 gen 2. One 15W, one 5W • Two Thunderbolt ports (USB Type-C) on flex module, one of two ports supports video-out. • One eSATA on flex module • One internal USB 3.0 port
Power supply	One fixed 690W or 900W, autosensing, 92%, 80 PLUS Platinum qualified
Environmental specification	

Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating	10%~80%, non-condensing
Humidity - storage (with package)	10%~90%, non-condensing

RoHS-compliant. GREENGUARD. EPEAT Gold rating and ENERGY STAR 6.1 qualified on following models:

Model	30BA0007US	30BA0008US
Processor	2 x Intel Xeon Silver 4110	2 x Intel Xeon Gold 5122
Memory	2 x 8GB RDIMM DDR4-2666 ECC	2 x 8GB RDIMM DDR4-2666 ECC
Disks	2x1TB HDD 7.2K 3.5" SATA6Gbps	2 x 256GB SSD 2.5" SATA6Gbps Opal
Graphics	NVIDIA Quadro P4000 8GB	NVIDIA Quadro P4000 8GB
Optical	HH DVD±RW	HH DVD±RW
PSU	690W	900W
OS	Win10 Pro 64	Win10 Pro 64

ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Note: All expansion cards are optional

Expansion slots

Slot 1 (CPU2)	PCIe 3.0 x16, full height, full length, 75W
Slot 2 (CPU1)	PCIe 3.0 x16, full height, full length, 75W, double-width
Slot 3 (CPU1)	PCIe 3.0 x8, full height, full length, 25W, open ended
Slot 4 (CPU1)	PCIe 3.0 x16, full height, full length, 75W, double-width
Slot 5	PCI, full height, full length, 25W
Slot 6 (PCH)	PCIe 3.0 x4, full height, half length, 25W, open ended

900W PSU supports two 6+2-pin aux power connectors.
690W PSU supports one 6+2-pin aux power connector.

ThinkStation P910 Platform Specifications

Components	Specification
Chipset	Intel C612 Platform Controller Hub (PCH)
System mgmt	Intel Active Management Technology 9
Processor	Up to two 160W **Intel Xeon E5-2600 v4** family processors. Each processor supports up to 22 cores up to 2.2GHz, 16 cores up to 2.6GHz, 14 cores up to 2.6GHz, 12 cores up to 3GHz, 10 cores up to 2.4GHz, 8 cores up to 3.2GHz, 6 cores up to 3.4GHz, 4 cores up to 3.5GHz. Or up to two Intel Xeon E5-2620 v3 or E5-2609 v3 processors (not available in EMEA)
Coprocessor	Optional. Up to one Intel Xeon Phi Coprocessor 3120A, PCIe 2.0 x16 adapter, 57 cores, 1.1GHz, 28.5MB L2 cache, 6GB memory, 300W
Memory DIMM slots	16 DIMM sockets (8 DIMMs per processor), 8-channel capable (4-channel per processor). RDIMM or LRDIMM (cannot be intermixed), ECC, DDR4, 2400MHz
Memory capacity	896GB (LRDIMM, 14x64GB)/512GB (RDIMM, 16x32GB), 2nd CPU is needed
Graphics and GPU computing	Four PCIe 3.0 x16 slots for graphics and GPU computing cards, two slots per processor

Installed CPU	Maximum quantity of PCIe x16 adapters per system (by power)
1	1x300W+1x75W or 2x150W
2	2x300W+2x75W, or 1x300W+2x150W+1x75W, or 4x150W

Supporting Graphics and GPU computing

Adapter	Cores	Memory	Power	Connector***	SLI
NVS 310	48	1GB	19.5W	2xDP	
NVS 315	48	1GB	19.5W	2xDVI-I SL/2xDP	
NVS 510	192	2GB	35W	4xmini DP	
NVS 810	1024	4GB	68W	8xmini DP	
Quadro K420	192	2GB	41W	DVI-I DL+DP	
Quadro K620	384	2GB	45W	DVI-I DL+DP	
Quadro K1200	512	4GB	45W	4xmini DP	
Quadro K2200	640	4GB	68W	DVI-I DL+2xDP	
Quadro K4200	1344	4GB	108W	DVI-I DL+2xDP	
Quadro K5200	2304	8GB	150W	DVI-I DL+DVI-D DL+2xDP	SLI
Quadro M2000	768	4GB	75W	4xDP	
Quadro M4000	1664	8GB	120W	4xDP	
Quadro M5000	2048	8GB	150W	DVI-I DL+4xDP	SLI
Quadro M6000	3072	24GB	250W	DVI-I DL+4xDP	SLI
Quadro P400	256	2GB	30W	3xminiDP	
Quadro P600	384	2GB	40W	4xminiDP	
Quadro P1000	640	4GB	47W	4xminiDP	
Quadro P2000	1024	5GB	75W	4xDP	
Quadro P4000	1792	8GB	105W	4xDP	SLI
Quadro P5000	2560	16GB	180W	DVI-D DL+4xDP	SLI
Quadro P6000	3840	24GB	250W	DVI-D DL+4xDP	SLI
Tesla K40	2880	12GB	235W		

Disk drive controller	**RAID 0, 1, 5, 10** with onboard SATA controller in chipset, 6Gb/s SATA. **RAID 0, 1, 5, 10** with optional LSI RAID flex adapter, 12Gb/s SAS and SATA. **RAID 0, 1, 5, 6, 10** with optional LSI 9364-8i PCIe adapter, 1GB memory, 12Gb/s SAS and SATA
Drive Bays	Three external 5.25" bays, four internal 3.5" dual drives bays (see right)
Flex bay	Three 5.25" flex bays for optical drives, Front Access Storage Enclosure drives, Flex Bay Storage Enclosure drives, or flex module. • Up to three half-height optical drives or up to one 9.5mm optical drive, DVD-ROM, DVD±RW, or Blu-Ray burner • Up to one Front Access Storage Enclosure for one 3.5" or 2.5" SATA drive. • Up to two Flex Bay Storage Enclosure for two 3.5" or 2.5" SATA drives.

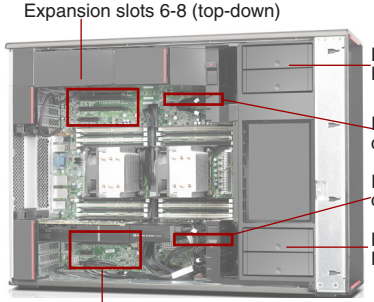
Supporting storage

3.5" SATA HDD, 7.2K 6Gbs	500GB/1TB/2TB/3TB/4TB/6TB/1TB hybrid/2TB hybrid
2.5" SAS HDD, 15K 12Gbs	300GB/600GB
2.5" SAS HDD, 10K 12Gbs	300GB
2.5" SAS SSD, 12Gbs	200GB/400GB/800GB
2.5" SSD, SATA6Gbs	180GB/240GB/256GB/480GB/512GB with OPAL, 256GB/512GB/1TB without OPAL
PCIe SSD, 2.5"	400GB
PCIe SSD, M.2	256 GB/512GB/1TB
PCIe SSD adapter	400GB (up to 4 per system, 2nd CPU is needed)

Components	Specification
Flex connector	Two flex connectors (see right), one per processor. Supports one of the following: • Up to one LSI RAID flex adapter for SATA/SAS RAID. • Up to two Multi-I/O adapters for four PCIe SSD (two PCIe SSD per adapter). • Up to two M.2 flex adapters for four M.2 PCIe SSD (two M.2 PCIe SSD per adapter)
Network interfaces	Integrated two-port gigabit ethernet (Intel i218LM and i210AT), supports Wake-on-LAN. Optional discrete ethernet adapters are available
HD Audio	Realtek ALC662 codec
TPM	TCG 1.2-compliant
Power supply	One fixed 1300 watts, autosensing, 92% PSU, 80 PLUS Platinum qualified *Note: PSU will automatically operate in 1120W (restricted mode) if the system line input is 100-110V. For other supported system line input voltages, the PSU will operate at the full 1300W.*
Front ports	Four USB 3.0 (one Diagnostic, one Always On), one combo audio/microphone jack (3.5mm)
Rear ports	Four USB 2.0, four USB 3.0 (blue), one serial (9-pin), two ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in), two PS/2
Add-on ports	Supports the following optional ports: Two IEEE 1394 (one on rear and one on front flex module) via PCIe adpater, up to one adapter per system. Two rear USB 3.0 per USB add-on PCIe adapter, up to 3 adapters per system. One rear Thunderbolt via PCIe adapter. One front eSATA (on flex module), or one rear eSATA via cable (also needs one PCIe slot), up to one eSATA port per system. One internal USB 3.0 port via cable, cannot be intermixed with 29-in-1 reader
Media reader	9-in-1 USB 2.0 card reader. Optional 29-in-1 USB 3.0 card reader on flex module
Mechanical	• 55-liter: 200mm/7.87" W x 620mm/24.4" D x 446mm/17.56" H (with feet) • Tool-less parts: all except CPU fansink • 71.3 lb (32.3kg) max configuration
Environmental specification	(see below)
Base warranty	3-year limited onsite service with 9x5/NBD
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/

Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating	10%~80%, non-condensing
Humidity - storage (with package)	10%~90%, non-condensing

RoHS-compliant, GREENGUARD on all models. EPEAT Gold rating, ENERGY STAR 6.1 qualified on selected models.



Expansion slots

Slot 1: PCIe 3.0 x16, full length, full height,
Slot 2: PCIe 2.0 x1, full length, full height
(half length if flex connector 1 is used)
Slot 3: PCIe 3.0 x16, full length, full height
Slot 4: PCIe 2.0 x1, full length, full height
Slot 5: PCIe 2.0 x4, Half length, full height
Slot 6: PCIe 3.0 x16, full length, full height, CPU2 needed
(half length if flex connector 2 is used)
Slot 7: PCIe 3.0 x16, full length, full height, CPU2 needed
(half length if flex connector 2 is used)
Slot 8: PCIe 2.0 x4, full length, full height, CPU2 needed

Also supports up to two flex connectors. Flex connector 2 needs 2nd CPU

Drive bays

HDD 1-4: Standard 3.5" HDD bay, up to four 3.5" or 2.5" disk drives.
Each 3.5" bay supports 2.5" (9mm or less) drive plus 3.5" drive, or two 2.5" (15mm or less) drives. More than 4 drives requires LSI RAID flex adapter or 9364-8i adapter,

Flex bay: Three 5.25" flex bays, for HH optical drives.
Or up to one optional flex module (Flex module supports one or more of the following options: 9.5mm optical/29-in-1 USB 3.0 reader/front IEEE 1394/front eSATA).
Or up to two HDD bays for two drives, 3.5" or 2.5" each, SATA only.

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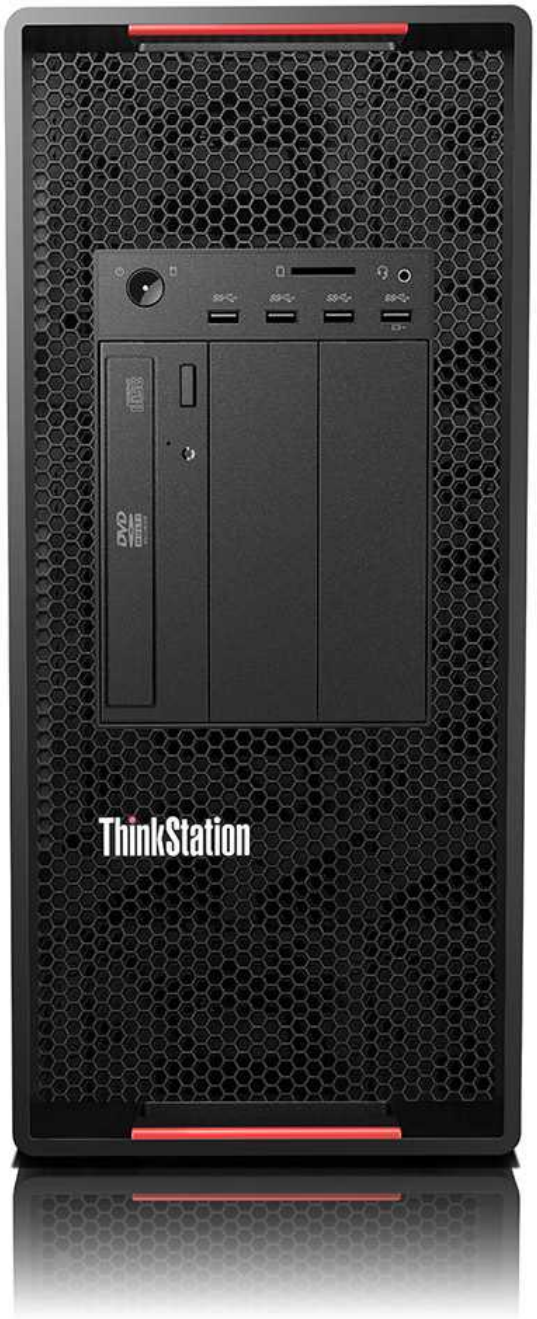

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ThinkStation P920 Platform Specifications

Components	Specification
Form factor	55L Tower
Dimensions	200mm/7.87" W x 620mm/24.4" D x 446mm/17.56" H (with feet)
Weight	Maximum configuration: 71.3 lb (32.3kg)
Processor	Up to two 205W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 28 cores at 2.5GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s
Chipset	Intel C621 Chipset
Memory	Up to 16 DIMM sockets. Each processor supports up to 8 DIMM sockets with 6 channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types cannot be intermixed
Memory capacity	Up to 512GB with 16 x 32GB RDIMMs and two processors. Or up to 1TB with 16 x 64GB LRDIMMs and two processors
Memory protection	ECC
Graphics	Up to five PCIe 3.0 x16 slots depending on the processors installed (see Expansion slots section). Up to three NVIDIA Quadro P6000 or Quadro P5000, or up to four Quadro P4000, or up to two NVS 810. Other graphics adapters under 75W up to 5. Supports the following graphics adapters:

Adapter	Cores	Memory	Power	Connector	SLI
NVS 310	48	1GB	19.5W	2xDP	
NVS 315	48	1GB	19.3W	2xDVI-I SL/2xDP	
NVS 510	192	2GB	33.4W	4xmini DP	
NVS 810	1024	4GB	68W	8xmini DP	
Quadro P400	256	2GB	30W	3xminiDP	
Quadro P600	384	2GB	45W	4xminiDP	
Quadro P620	512	2GB GDDR5	40W	4x miniDP	
Quadro P1000	640	4GB	50W	4xminiDP	
Quadro P2000	1024	5GB	75W	4xDP	
Quadro P4000	1792	8GB	120W	4xDP	
Quadro P5000	2560	16GB	180W	DVI-D DL+4xDP	SLI
Quadro P6000	3840	24GB	250W	DVI-D DL+4xDP	SLI
Quadro GV100	5120	32GB HBM2	250W	4xDP	

Storage controllers	Integrated Intel SATA AHCI/RAID controller in chipset, 6Gbps SATA, RAID 0/1/10/5. Integrated Intel PCIe host in processor for M.2 PCIe NVMe drives, optional RAID 0/1/10 with Intel NVMe RAID upgrade basic, optional RAID 0/1/10/5 with Intel NVMe RAID upgrade premium. Optional Broadcom 9440-8i, PCIe adapter, 12Gbps, SATA/SAS, RAID 0/1/10/5. Or optional Broadcom 9460-16i with 4GB DDR4 memory and SuperCap, PCIe adapter, 12Gbps, SATA/SAS, RAID 0/1/10/5/6
5.25" flex bay	Three 5.25" flex bays, supports the following: • Up to three half-height optical drives. • Up to two 5.25" slim ODD cages, each supports one 9.0mm optical drive. • Up to one 5.25" slim ODD and HDD cage for one 9.0mm optical drive plus one 3.5" or 2.5" SATA disk. • Up to one Front Access Storage Enclosure for one 3.5" or 2.5" SATA disk. • Up to one flex module for one or more of the following options: 9.0mm optical/ 15-in-1 USB 3.0 reader/front eSATA/front Thunderbolt/front USB 3.0 Type-C/ 4-digit diagnostic display *Note:* *1. Only one can be supported from 15-in-1 reader, Thunderbolt, and 4-digit display* *2. Up to two ports are suppported from 1394, eSATA, and USB Type-C*
Disk drive bays	Four internal 3.5" dual drive bays (two standard, two optional), supports up to eight 2.5" SATA SSD, or up to four 3.5" SATA HDD. Over 6 disk drivesneeds 9440-8i or 9460-16i. Supports up to four 2.5" U.2 SSD on selected models. Supports up to two 2.5" or 3.5" SATA disks on 5.25" flex bays via one 5.25" Front Access Storage Enclosure plus one 5.25" slim ODD and HDD cage
M.2 slots	Up to 9 x M.2 PCIe NVMe SSD: • Two onboard M.2 slots. • Up to one full height, full length PCIe 3.0 x16 adapter, supports four M.2 slots. • Up to three PCIe 3.0 x4 adapters, each adapter supports one M.2 slot *Note: Supports RAID 0/1 on onboard M.2 disks and RAID 0/1/10/5 on quad M.2 PCIe x16 adapter, NVMe RAID upgrade is needed*
Internal storage	HDD 7.2K 3.5" SATA6Gbps: 1TB/2TB/4TB/6TB HDD 7.2K 2.5" SATA6Gbps: 500GB FIPS SSD 2.5" SATA6Gbps: 256GB Opal/512GB/512GB Opal/1TB Opal/2TB Opal M.2 PCIe NVMe, PCIe 3.0 x4: 256GB Opal/512GB Opal/1TB Opal/2TB Opal
Media reader	9-in-1 USB 2.0 card reader on most models. Optional UHS-II 15-in-1 USB 3.0 reader on flex module

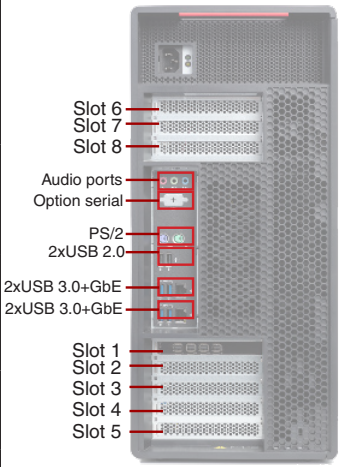
Components	Specification
Network interfaces	Integrated two-port gigabit ethernet (Intel i219LM and i210AT), supports Wake-on-LAN on both two ports. Optional PCIe ethernet or wireless adapters are available
Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant, switch to 1.2 via UEFI setting. Chassis intrusion switch. Optional access panel lock, Kensington lock, and pad lock
Systems management	Intel Active Management Technology 11. Front 4-digit diagnostic display. ThinkStation Diagnostics for Windows. Photo-audio transfer with Lenovo PC Diagnostics for Android and iOS
Base warranty	1 or 3-year limited onsite service with 9x5/NBD
HD Audio	Realtek ALC662 codec
Front ports	Four USB 3.0 (includes one 11W charging), one combo audio/microphone jack (3.5mm)
Rear ports	Two USB 2.0, four USB 3.0, two ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in), two PS/2
Optional ports	Supports the following optional ports: • Optional COM port • Two USB Type-C ports via PCIe adapter, USB 3.1 gen 2. One 15W, one 5W • Two Thunderbolt ports (USB Type-C) on flex module, one of two ports supports video-out. • One eSATA on flex module • One internal USB 3.0 port
Power supply	One fixed 1400 watts, autosensing, 92% PSU, 80 PLUS Platinum qualified. Countries with input voltage under 115V, output power limited to 1125 watts
Environmental specification	

Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating	10%~80%, non-condensing
Humidity - storage (with package)	10%~90%, non-condensing

RoHS-compliant. GREENGUARD. EPEAT Gold rating and ENERGY STAR 6.1 qualified on following models:

Model	30BC0008US	30BC0009US
Processor	2 x Intel Xeon Gold 5115	2 x Intel Xeon Gold 5120
Memory	4 x 8GB RDIMM DDR4-2666 ECC	4 x 8GB RDIMM DDR4-2666 ECC
Disks	2 x 256GB SSD 2.5"SATA6Gbps Opal	2 x 512GB SSD 2.5" SATA6Gbps
Graphics	NVIDIA Quadro P4000 8GB	NVIDIA Quadro P5000 16GB
Optical	HH DVD±RW	HH DVD±RW
PSU	1400W PSU	1400W PSU
OS	Win10 Pro 64	Win10 Pro 64

ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/



Note: All expansion cards are optional

Expansion slots

Slot 1 (CPU1)	PCIe 3.0 x16, full height, full length, 75W, double-width
Slot 2 (CPU1)	PCIe 3.0 x4, full height, full length, 25W, open ended
Slot 3 (CPU1)	PCIe 3.0 x16, full height, full length, 75W, double-width
Slot 4 (CPU1)	PCIe 3.0 x4, full height, full length, 25W, open ended
Slot 5 (PCH)	PCIe 3.0 x4, full height, half length, 25W, open ended
Slot 6 (CPU2)	PCIe 3.0 x16, full height, half length, 75W
Slot 7 (CPU2)	PCIe 3.0 x16, full height, full length, 75W, double-width
Slot 8 (CPU2)	PCIe 3.0 x16, full height, full length, 75W

Supports two 6+2-pin aux power connectors on slot 1 - 5, one 6+2-pin and one 6-pin aux power connectors on slot 6 - 8.

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If Lenovo determines your product problem is covered by the product warranty and cannot be resolved over the telephone, a technician will be dispatched to arrive onsite, typically the next day.
International Warranty Service (IWS): PC repair coverage for customers who require a critical warranty repair while travelling internationally. Visit www.lenovo.com/internationalwarranty for details.
Visit www.lenovo.com/warranty for Lenovo Warranty Services terms and conditions for complete details and restrictions.

Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

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Lenovo ThinkServer

PSREF

Product Specifications Reference

Version 511, August 2017

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Summary of Changes

This section describes the changes made in this version of ThinkServer PSREF and in previous version
This edition might also include minor corrections and editorial changes which are not identified

August 23, 2017 - Version 511

Additions in this update

- ►Update ThinkServer RD650/RD550/RD450/RD350/TD350/TS460/RS160 platform specifications, add 12TB 7.2K SATA6Gbs HDD support

June 21, 2017 - Version 508

Additions in this update

- ►Add ThinkServer TS460 models announced June 2017
- ►Add ThinkServer RS160 models announced June 2017
- ►Update ThinkServer TS460 platform specifications, add new SBB support: Kaby Lake Xeon, Core i3, and Pentium processors. DDR4-2400 memory. 10TB 7.2K SATA6Gbs HDD, 10TB 7.2K SAS12Gbs HDD, 300GB/600GB 15K 2.5" SAS. Red Hat Enterprise Linux 7.3. SUSE Linux Enterprise Server 12 SP2/11 SP4
- ►Update ThinkServer RS160 platform specifications, add new SBB support: Kaby Lake Xeon, Core i3, Pentium, and Celeron processors. DDR4-2400 memory. 10TB 7.2K SATA6Gbs HDD, 10TB 7.2K SAS12Gbs HDD, 900GB 15K 2.5" SAS

May 26, 2017 - Version 507

Additions in this update

- ►Update ThinkServer RD650/RD550 platform specifications, add DDR4-2400 RDIMM memory, up to 1.92TB easy-swap NVMe SSD, and up to 3.84TB NVMe flash adapter

April 19, 2017 - Version 505

Additions in this update

- ►Add ThinkServer TS460 models announced April 2017
- ►Add ThinkServer TD350 models announced April 2017
- ►Add ThinkServer TS150 models announced April 2017
- ►Update ThinkServer TS150 platform specifications, add new Kaby Lake processors, DDR4-2400 memory, 10TB hard drive supports

February 15, 2017 - Version 502

Additions in this update

- ►Add ThinkServer RS160 models announced September 2016

Withdrawals in this update

- ►ThinkServer TS140 had been end of life

October 12, 2016 - Version 496

Additions in this update

- ►New ThinkServer RS160 product announced September 2016
- ►New ThinkServer TS150 models announced August and October 2016

September 14, 2016 - Version 495

Additions in this update

- ►New ThinkServer RS160 product announced September 2016
- ►New ThinkServer TS140 models announced September 2016

April 6, 2016 - Version 487

Additions in this update

- ►New ThinkServer TD350, RD350, and RD450 models announced April 2016
- ►Add Intel Xeon E5-2600 v4 processors

March 23, 2016 - Version 486
Additions in this update
- ►New ThinkServer TS140 models announced March 2016

February 24, 2016 - Version 485
Additions in this update
- ►Add 8TB SATA and SAS 72K 6Gbs hard drive on ThinkServer RD350/RD450/RD550/RD650/TD350

December 30, 2015 - Version 483
Additions in this update
- ►Updates ThinkServer RS140, TD340 specifications
- ►Updates the most recent ThinkServer RS140, TD340 models

December 9, 2015 - Version 482
Additions in this update
- ►Updates ThinkServer TS140, TS440 specifications
- ►Updates the most recent ThinkServer TS140, TS440, RD350, RD450, RD550, RD650 models

October 28, 2015 - Version 480
Additions in this update
- ► New ThinkServer TS140 models announced October 2015

July 30, 2015 - Version 476
Additions in this update
- ► New ThinkServer TD350, RD550, and RD650 models announced July 2015

May 6, 2015 - Version 473
Additions in this update
- ► Add 95mm optical support on TD350
- ► Add Red Hat Enterprise Linux 7 support on RD350/RD450/RD550/RD650/TD350
- ► Add 32 x 25” bay support on TD350
- ► Add AnyBay and 25” PCIe SSD support on RD550/RD650

April 15, 2015 - Version 471
Additions in this update

- ► New ThinkServer TD350 models announced March 2015

March 25, 2015 - Version 470
Additions in this update
- ► New ThinkServer TS140 and TS440 models announced March 2015

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ThinkServer RS160 Platform Specifications

Components	Specification
Dimensions	1U rack. Height: 43.2 mm (1.7 in), width: 438.5 mm (17.26 in), depth: 393.7 mm (15.5 in)
Weight	Minimum configuration: 6.2 kg (13.67 lb), maximum: 7.6 kg (16.76 lb)
Processor	Supports one of the following Intel "Kaby Lake" processors: Xeon E3-1280 v6 – 4C/3.9GHz/8MB/72W/DDR4-2400 Xeon E3-1270 v6 – 4C/3.8GHz/8MB/72W/DDR4-2400 Xeon E3-1240 v6 – 4C/3.7GHz/8MB/72W/DDR4-2400 Xeon E3-1230 v6 – 4C/3.5GHz/8MB/72W/DDR4-2400 Xeon E3-1225 v6 – 4C/3.3GHz/8MB/73W/DDR4-2400 Xeon E3-1220 v6 – 4C/3GHz/8MB/72W/DDR4-2400 Core i3-7320 – 2C/4.1GHz/4MB/51W/DDR4-2400 Core i3-7300 – 2C/4GHz/4MB/51W/DDR4-2400 Core i3-7300T – 2C/3.5GHz/4MB/35W/DDR4-2400 Core i3-7100 – 2C/3.9GHz/3MB/51W/DDR4-2400 Core i3-7100T – 2C/3.4GHz/3MB/35W/DDR4-2400 Pentium G4620 – 2C/3.7GHz/3MB/51W/DDR4-2400 Pentium G4600 – 2C/3.6GHz/3MB/51W/DDR4-2400 Pentium G4600T – 2C/3GHz/3MB/35W/DDR4-2400 Pentium G4560 – 2C/3.5GHz/3MB/54W/DDR4-2400 Pentium G4560T – 2C/2.9GHz/3MB/35W/DDR4-2400 Celeron G3950 – 2C/3GHz/2MB/51W/DDR4-2133 Celeron G3930 – 2C/2.9GHz/2MB/51W/DDR4-2133 Celeron G3930T – 2C/2.7GHz/2MB/35W/DDR4-2133 Supports one of the following Intel "Skylake" processors: Xeon E3-1280 v5 – 4C/3.7GHz/8MB/80W/DDR4-2133 Xeon E3-1270 v5 – 4C/3.6GHz/8MB/80W/DDR4-2133 Xeon E3-1240 v5 – 4C/3.5GHz/8MB/80W/DDR4-2133 Xeon E3-1230 v5 – 4C/3.4GHz/8MB/80W/DDR4-2133 Xeon E3-1220 v5 – 4C/3GHz/8MB/80W/DDR4-2133 Xeon E3-1260L v5 – 4C/2.9GHz/8MB/45W/DDR4-2133 Xeon E3-1240L v5 – 4C/2.1GHz/8MB/25W/DDR4-2133 Xeon E3-1225 v5 – 4C/3.3GHz/8MB/80W/DDR4-2133 Core i3-6320 – 2C/3.9GHz/4MB/51W/DDR4-2133 Core i3-6300 – 2C/3.8GHz/4MB/51W/DDR4-2133 Core i3-6100 – 2C/3.7GHz/3MB/51W/DDR4-2133 Pentium G4520 – 2C/3.6GHz/3MB/51W/DDR4-2133 Pentium G4500 – 2C/3.5GHz/3MB/51W/DDR4-2133 Pentium G4400 – 2C/3.3GHz/3MB/54W/DDR4-2133 Celeron G3920 – 2C/2.9GHz/2MB/51W/DDR4-2133 Celeron G3900 – 2C/2.8GHz/2MB/51W/DDR4-2133 Celeron G3900T – 2C/2.6GHz/2MB/35W/DDR4-2133
Chipset	Intel C232 Platform Controller Hub (PCH)
Memory DIMMs	4 DIMM sockets with 2-channels. UDIMM. DDR4-2133 or DDR4-2400
Memory capacity	64GB (16GB x 4)
Memory protection	ECC
RAID controller	RAID controller: Onboard RAID121i; Drive type: 6Gbs SATA; RAID support: 0/1/5/10; Compatible models: 2x3.5”, 4x2.5” RAID controller: RAID520i PCIe; Drive type: 12Gbs SAS/SATA; RAID support: 0/1/10, 5 with optional key; Compatible models: 2x3.5”, 4x2.5” RAID controller: RAID720i PCIe; Drive type: 12Gbs SAS/SATA; RAID support: 0/1/10/5, 6 with optional cache; Compatible models: 2x3.5”, 4x2.5” Optional cache for RAID720i: 1GB memory. 1GB, 2GB, or 4GB flash with super capacitor.
Disk drive bays	Supports two 3.5" or four 2.5" disk drive bays. Non-hot swap. Cables are connected to onboard SATA connectors or PCIe RAID controller. Also supports one M.2 SATA SSD
Supporting storage	3.5" HDD, 7.2K SATA6Gbs – 1TB/2TB/4TB/6TB/8TB/10TB/12TB 3.5" HDD, 7.2K SAS12Gbs – 1TB/2TB/4TB/6TB/8TB/10TB 3.5" SSD, SATA6Gbs (2.5" SSD with 3.5" tray) – 240GB/480GB/960GB 2.5" HDD, 7.2K SATA6Gbs – 1TB/2TB 2.5" HDD, 10K SAS12Gbs – 300GB/600GB/900GB/1.2TB/2.4TB 2.5" HDD, 15K SAS12Gbs – 900GB 2.5" SSD, SATA6Gbs – 120GB/240GB/480GB/960GB M.2 SATA SSD – 32GB/128GB

Components	Specification
Optical drive	Optional one 9.5mm optical. DVD-ROM or DVD±RW
Network interfaces	One dedicated management port, two Gigabit Ethernet ports. Supports optional discrete network adapters via riser card
Security features	Power-on and administrator password. Optional TPM, TCG 1.2 or 2.0 compliant.
Systems management	UEFI. Onboard Aspeed AST2400 graphics/management processor, IPMI 2.0-compliant baseboard management controller (BMC). Control Panel LEDs shows the status of power, ID, disk drives, network, system. Supports the following management software: EasyStartup, Power Planner. On November 2016, EasyUpdate, Lenovo ThinkServer Diagnostics Standalone, ToolsCenter Suite CLI inventory module on ThinkServer, and Lenovo xClarity Adminstrator will be available
Operating systems	Microsoft Windows Server 2016 (Standard and Essentials)/2012 R2/2012. Windows 10 Pro. Red Hat Enterprise Linux 6.7/6.8/7.2. SUSE Linux Enterprise Server 11/12. VMware vSphere (ESXi) 6.0Ub/U2
Base warranty	1 or 3-year limited onsite service with 9x5/NBD
Power supply	One fixed 300 watts power supply, Non-hot swap. 80 PLUS Gold qualified
Graphics	Onboard Aspeed AST2400
Front ports	Two USB 2.0
Rear ports	One VGA, four USB 3.0, one RJ-45 (dedicated mgmt), two ethernet, one serial (9-pin)
Cooling	3 fans for processor, PCIe slot, and disk drives
Noise emissions	Operating: < 5.9 Bels. Idle: < 5.2 Bels (Maximum configuration)
Environmental specification	Temperature - operating: 50 °F to 95 °F (10 °C to 35 °C) Temperature - non operating (with package): -40 °C to 60 °C Altitude - operating: (Unpressurized): 0-10000ft (0-3048m) Humidity - operating: 8%~80%, non-condensing Humidity - storage (with package): 10%~90%, non-condensing

Expansion slots and disk bays

Supports one PCIe slot via optional riser card, PCIe 3.0 x16, half length, half height

Core options for ThinkServer RS160 (partial)

ThinkServer 8GB 2RX8 PC4-2133-E CL15 DDR4-2133 ECC-UDIMM	4X70G88316
ThinkServer 16GB 2RX8 PC4-2133-E CL15 DDR4-2133 ECC-UDIMM	4X70G88317
ThinkServer 3.5" 8TB 7.2K Enterprise SATA 6Gbps 512e Hard Drive for RS-Series	4XB0K12297
ThinkServer 2.5" 1.2TB 10K Enterprise SAS 12Gbps Hard Drive for RS-Series	4XB0K12306
ThinkServer 2.5" 2TB 7.2K Enterprise SATA 6Gbps Hard Drive for RS-Series	4XB0K12302
ThinkServer 2.5" 480GB S3510 Enterprise Entry SATA 6Gbps SSD for RS-Series	4XB0K12321
ThinkServer M.2 32GB Value Read-Optimized SATA 6Gbps Solid State Drive	4XB0K12310
ThinkServer RAID 520i RAID 5 Upgrade	4XC0G88841
ThinkServer RS160 Slim SATA DVD-RW Optical Disk Drive	4XA0G88613
Lenovo ThinkServer Gen 5 Trusted Platform Module v1.2 (Worldwide except China)	4XF0G45868

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	Optical	Add-on NIC	Slots	TPM	OS	Warranty	Power Supply	Ann Date (m/y)
70TE000DUX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	4x2.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TE000EUX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	4x2.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TE000FUX	US	Xeon E3-1240 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	4x2.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TE000GUX	US	Xeon E3-1270 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	4x2.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TE000HUX	US	Xeon E3-1280 v5 4C/3.7GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	4x2.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TE000YUX	US	Xeon E3-1220 v6 4C/3.0GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x2.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TE0010UX	US	Xeon E3-1230 v6 4C/3.5GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x2.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TE0011UX	US	Xeon E3-1240 v6 4C/3.7GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x2.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TE0012UX	US	Xeon E3-1270 v6 4C/3.8GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x2.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TE0013UX	US	Xeon E3-1280 v6 4C/3.9GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x2.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TER001UX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	4x2.5" NHS	Open	None	None	1xHHHL	TPM	None	1-year	300W 85% Fixed	09/16
70TER002UX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	4x2.5" NHS	Open	None	None	1xHHHL	TPM	None	1-year	300W 85% Fixed	09/16
70TER003UX	US	Xeon E3-1270 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	4x2.5" NHS	Open	None	None	1xHHHL	TPM	None	1-year	300W 85% Fixed	09/16

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	Optical	Add-on NIC	Slots	TPM	OS	Warranty	Power Supply	Ann Date (m/y)
70TG000JUX	US	Pentium G4400 2C/3.3GHz/3MB/54W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TG000KUX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TG000LUX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TG000MUX	US	Xeon E3-1240 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TG000NUX	US	Xeon E3-1270 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TG000PUX	US	Xeon E3-1280 v5 4C/3.7GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	None	TPM	None	1-year	300W 85% Fixed	09/16
70TG001RUX	US	Xeon E3-1220 v6 4C/3.0GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	2x3.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TG001SUX	US	Xeon E3-1230 v6 4C/3.5GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	2x3.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TG001TUX	US	Xeon E3-1240 v6 4C/3.7GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	2x3.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TG001UUX	US	Xeon E3-1270 v6 4C/3.8GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	2x3.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TG001VUX	US	Xeon E3-1280 v6 4C/3.9GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	2x3.5" NHS	Open	None	None	None	TPM2.0	None	1-year	300W 85% Fixed	06/17
70TGR001UX	US	Pentium G4400 2C/3.3GHz/3MB/54W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	1xHHHL	TPM	None	1-year	300W 85% Fixed	09/16
70TGR002UX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	1xHHHL	TPM	None	1-year	300W 85% Fixed	09/16
70TGR003UX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	2x3.5" NHS	Open	None	None	1xHHHL	TPM	None	1-year	300W 85% Fixed	09/16

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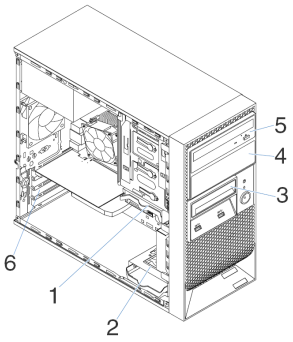
ThinkServer TS150 Platform Specifications

Components	Specification
Dimensions	Tower or 4U rack. Height: 375 mm (14.76 in), width: 175 mm (6.89 in), depth: 431 mm (16.97 in)
Weight	Maximum configuration: 27.6 lb (12.5kg)
Processor	One Intel "Kaby Lake" or "Skylake" processor as listed: "Kaby Lake" processors: Xeon E3-1280 v6 / 4C/3.9GHz/8MB/72W/DDR4-2400 Xeon E3-1275 v6 / 4C/3.8GHz/8MB/73W/DDR4-2400 Xeon E3-1270 v6 / 4C/3.8GHz/8MB/72W/DDR4-2400 Xeon E3-1245 v6 / 4C/3.7GHz/8MB/73W/DDR4-2400 Xeon E3-1240 v6 / 4C/3.7GHz/8MB/72W/DDR4-2400 Xeon E3-1230 v6 / 4C/3.5GHz/8MB/72W/DDR4-2400 Xeon E3-1225 v6 / 4C/3.3GHz/8MB/73W/DDR4-2400 Xeon E3-1220 v6 / 4C/3GHz/8MB/72W/DDR4-2400 Core i3-7320 / 2C/4.1GHz/4MB/51W/DDR4-2400 Core i3-7300T / 2C/3.5GHz/4MB/35W/DDR4-2400 Core i3-7300 / 2C/4GHz/4MB/51W/DDR4-2400 Core i3-7100T / 2C/3.4GHz/3MB/35W/DDR4-2400 Core i3-7100 / 2C/3.9GHz/3MB/51W/DDR4-2400 Pentium G4620 / 2C/3.7GHz/3MB/51W/DDR4-2400 Pentium G4600T / 2C/3GHz/3MB/35W/DDR4-2400 Pentium G4600 / 2C/3.6GHz/3MB/51W/DDR4-2400 Pentium G4560T / 2C/2.9GHz/3MB/35W/DDR4-2400 Pentium G4560 / 2C/3.5GHz/3MB/54W/DDR4-2400 Celeron G3950 / 2C/3GHz/2MB/51W/DDR4-2133 Celeron G3930T / 2C/2.7GHz/2MB/35W/DDR4-2133 Celeron G3930 / 2C/2.9GHz/2MB/51W/DDR4-2133 "Skylake" processors: Xeon E3-1280 v5 / 4C/3.7GHz/8MB/80W/DDR4-2133 Xeon E3-1270 v5 / 4C/3.6GHz/8MB/80W/DDR4-2133 Xeon E3-1240 v5 / 4C/3.5GHz/8MB/80W/DDR4-2133 Xeon E3-1230 v5 / 4C/3.4GHz/8MB/80W/DDR4-2133 Xeon E3-1220 v5 / 4C/3GHz/8MB/80W/DDR4-2133 Xeon E3-1275 v5 / 4C/3.6GHz/8MB/80W/DDR4-2133 Xeon E3-1245 v5 / 4C/3.5GHz/8MB/80W/DDR4-2133 Xeon E3-1225 v5 / 4C/3.3GHz/8MB/80W/DDR4-2133 Core i3-6320 / 2C/3.9GHz/4MB/51W/DDR4-2133 Core i3-6300 / 2C/3.8GHz/4MB/51W/DDR4-2133 Core i3-6300T / 2C/3.3GHz/4MB/35W/DDR4-2133 Core i3-6100 / 2C/3.7GHz/3MB/51W/DDR4-2133 Core i3-6100T / 2C/3.2GHz/3MB/35W/DDR4-2133 Pentium G4520 / 2C/3.6GHz/3MB/51W/DDR4-2133 Pentium G4500 / 2C/3.5GHz/3MB/51W/DDR4-2133 Pentium G4500T / 2C/3GHz/3MB/35W/DDR4-2133 Pentium G4400 / 2C/3.3GHz/3MB/54W/DDR4-2133 Pentium G4400T / 2C/2.9GHz/3MB/35W/DDR4-2133 Celeron G3920 / 2C/2.9GHz/2MB/51W/DDR4-2133 Celeron G3900 / 2C/2.8GHz/2MB/51W/DDR4-2133 Celeron G3900T / 2C/2.6GHz/2MB/35W/DDR4-2133
Chipset	Intel C236 Platform Controller Hub (PCH)
Memory DIMMs	4 DIMM sockets with 2 channels, 2 DIMMs per channel. UDIMM. Up to DDR4-2400
Memory capacity	64GB (16GB x 4)
Memory protection	ECC
RAID controller	RAID controller: Onboard RAID121i / Drive type: 6Gbs SATA / RAID support: 0/1/5/10 RAID controller: RAID520i PCIe / Drive type: 12Gbs SAS/SATA / RAID support: 0/1/10, 5 with optional key
Disk bays	Supports up to four 3.5" or hybrid 3.5" + 2.5" disk drives , or up to five 2.5" disk drives. one 9.5mm optical (see right). Non-hot swap. Cables are connected to onboard SATA connectors or PCIe RAID controller. Supports one optional internal USB RDX Tape drive
Supporting storage	3.5" HDD, 7.2K SATA6Gbs / 500GB/1TB/2TB/3TB/4TB/5TB/6TB/10TB 2.5" HDD, 7.2K SATA6Gbs / 500GB/1TB/2TB 2.5" SSD, SATA6Gbs / 120GB/240GB/480GB/600GB/800GB/960GB

Components	Specification
SD module	Optional. Up to 2 SDHC flash cards via SD module, 8GB each
Optical drive	Up to two half-height optical drives or one 9.5mm optical. DVD-ROM or DVD±RW
Network interfaces	One Gigabit Ethernet port, Intel i219LM. Supports optional discrete network adapters via PCIe slots
Security features	Power-on and administrator password. TPM (TCG 1.2-compliant)
Systems management	UEFI, system LEDs, EasyStartup, EasyUpdate, Power Planner, and Diagnostics. Intel Active Management Technology 11 on models with Xeon processors. Intel Standard Manageability on models with Core i3, Pentium, or Celeron proces-sors. KVM is supported on models with Xeon E3-12x5 v5 processors
Operating systems	Microsoft Windows Server 2016/2012 R2/2012, Windows MultiPoint Server 2012, Windows 10 Pro. Red Hat Enterprise Linux 6.7/7.2. SUSE Linux Enterprise Server 11/12. VMware vSphere (ESXi) 5.5U3/6.0U2
Base warranty	1 or 3-year limited onsite service with 9x5/NBD
Power supply	Supports one of the follwing: • One fixed 250 watts, autosensing, 85%, 80 PLUS Bronze qualified • One fixed 400 watts, autosensing, 92%, 80 PLUS Platinum qualified
Graphics	Integrated Intel HD Graphics on Xeon E3-12x5 v5, Core i3, Pentium, and Celeron processors. Uses main memory, works along with discrete graphics to support multi-display, enables two display connectors (1 DP, 1 VGA) on rear ports. Also supports the following discrete graphics adapter options: • NVIDIA Quadro NVS 315, 1GB • NVIDIA Quadro K620, 2GB
HD Audio	Realtek ALC662 codec
Front ports	Two USB 3.0
Rear ports	One VGA, one DisplayPort, six USB 3.0, one RJ-45, one serial (9-pin), three analog audio ports (line-in, line-out, mic-in). Optional parallel or serial ports via PCIe adapters
Noise emissions	Operating: < 35 dB(A). Idle: < 34 dB(A) (Maximum configuration)
Environmental specification	Temperature - operating: 50 °F to 95 °F (10 °C to 35 °C) Temperature - non operating (with package): -40 °C to 60 °C Altitude - operating: (Unpressurized): 0-10000ft (0-3048m) Humidity - operating: 8%~80%, non-condensing Humidity - storage (with package): 10%~90%, non-condensing



Note:
1. PCIe cards are optional.
2. Disk tray comes with the disk drive.

Disk Bays and PCIe Slots

	4 x 3.5"	5 x 2.5"	4 x hybrid 3.5" + 2.5"
Bay 1	1st HDD bay	1st HDD bay	1st HDD bay, 3.5"/2.5"
Bay 2	2nd HDD bay	2nd HDD bay	2nd HDD bay, 3.5"/2.5"
Bay 3	Not supported	3rd HDD bay	Not supported on standard models. Supports one 2.5" disk drive for special bid only
Bay 4	2nd half-height optical, or RDX tape drive, or 3rd HDD bay	2nd half-height optical, or RDX tape drive, or 4th HDD bay	2nd half-height optical, or RDX tape drive, or 3rd HDD bay (3.5"/2.5")
Bay 5	1st half-height optical, or 9.5mm optical + 4th HDD bay	1st half-height optical, or 9.5mm optical +5th HDD bay	1st half-height optical, or 9.5mm optical + 4th HDD bay (3.5"/2.5")
6	Four PCIe slots (top-down): Slot 1: PCIe 3.0 x16, full height, half length (near CPU) Slot 2: PCIe 3.0 x1, full height, half length Slot 3: PCIe 3.0 x16 (x4 elec), full height, half length Slot 4: PCIe 3.0 x1, full height, half length		

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	Optical	Add-on NIC	Add-on Ports	System Mgmt	OS	Warranty	Power Supply	Ann Date (m/y)
70LV002XUX	US	Xeon E3-1225 v5 4C/3.3GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 5x2.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV002YUX	US	Xeon E3-1245 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 5x2.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV0030UX	US	Xeon E3-1275 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 5x2.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV0031UX	US	Xeon E3-1225 v5 4C/3.3GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV0032UX	US	Xeon E3-1245 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV0033UX	US	Xeon E3-1275 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV0034UX	US	Core i3-6100T 2C/3.2GHz/3MB/35W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC/3 available	Open	HH DVD±RW	None	None	ISM	None	1-year	Fixed 250W Bronze	08/16
70LV0035UX	US	Core i3-6100T 2C/3.2GHz/3MB/35W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	ISM	None	1-year	Fixed 250W Bronze	08/16
70LV0036UX	US	Xeon E3-1225 v5 4C/3.3GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV0037UX	US	Xeon E3-1245 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV0038UX	US	Xeon E3-1275 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV0039UX	US	Xeon E3-1225 v5 4C/3.3GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 5x2.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV003AUX	US	Xeon E3-1245 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 5x2.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16
70LV003BUX	US	Xeon E3-1275 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 5x2.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	08/16

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	Optical	Add-on NIC	Add-on Ports	System Mgmt	OS	Warranty	Power Supply	Ann Date (m/y)
70LX0017UX	US	Xeon E3-1275 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 400W Platinum	08/16
70LX0018UX	US	Xeon E3-1275 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID 121i	Up to 5x2.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 400W Platinum	08/16

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	Optical	Add-on NIC	Add-on Ports	System Mgmt	OS	Warranty	Power Supply	Ann Date (m/y)
70UB0009UX	US	Xeon E3-1225 v6 4C/3.3GHz/8MB/73W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	04/17
70UB000AUX	US	Xeon E3-1225 v6 4C/3.3GHz/8MB/73W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID 121i	Up to 4x3.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	04/17
70UB000BUX	US	Xeon E3-1245 v6 4C/3.7GHz/8MB/73W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID 121i	Up to 4x3.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	04/17
70UB000CUX	US	Xeon E3-1245 v6 4C/3.7GHz/8MB/73W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	04/17
70UB000DUX	US	Xeon E3-1275 v6 4C/3.8GHz/8MB/73W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	AMT	None	1-year	Fixed 250W Bronze	04/17
70UB000EUX	US	Xeon E3-1275 v6 4C/3.8GHz/8MB/73W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID 121i	Up to 4x3.5" DC	Open	9.5mm DVD±RW	None	None	AMT	None	1-year	Fixed 250W Bronze	04/17
70UB001WUX	US	Core i3-6100T 2C/3.2GHz/3MB/35W/DDR4-2133	1x8GB UDIMM DDR4-2400 ECC	RAID 121i	Up to 4x3.5" DC/3 available	Open	HH DVD±RW	None	None	ISM	None	1-year	Fixed 250W Bronze	04/17
70UB001XUX	US	Core i3-6100T 2C/3.2GHz/3MB/35W/DDR4-2133	1x8GB UDIMM DDR4-2400 ECC	RAID 121i	Up to 4x3.5" DC	Open	None	None	None	ISM	None	1-year	Fixed 250W Bronze	04/17

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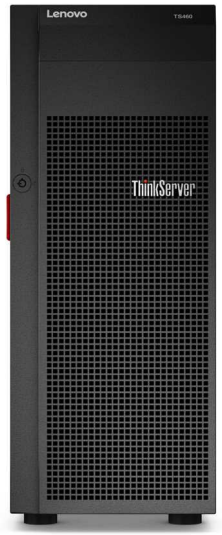

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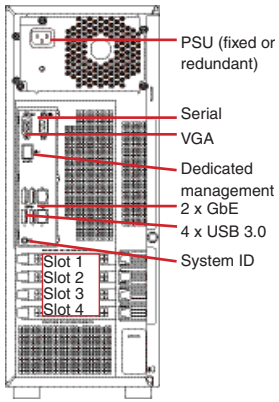
ThinkServer TS460 Platform Specifications

Components	Specification
Dimensions	42L tower or 4U rack. Height: 443.5 mm (17.46 in) with foot stands. Width: 173 mm (6.81 in). Depth: 593 mm (23.35 in) including front door and handle of hot-swap power supply
Weight	Maximum configuration: 57.32 lb (26.5 kg)
Processor	Supports one of the following Intel "Kaby Lake" processors: Xeon E3-1280 v6 – 4C/3.9GHz/8MB/72W/DDR4-2400 Xeon E3-1270 v6 – 4C/3.8GHz/8MB/72W/DDR4-2400 Xeon E3-1240 v6 – 4C/3.7GHz/8MB/72W/DDR4-2400 Xeon E3-1230 v6 – 4C/3.5GHz/8MB/72W/DDR4-2400 Xeon E3-1220 v6 – 4C/3GHz/8MB/72W/DDR4-2400 Core i3-7320 – 2C/4.1GHz/4MB/51W/DDR4-2400 Core i3-7300 – 2C/4GHz/4MB/51W/DDR4-2400 Core i3-7300T – 2C/3.5GHz/4MB/35W/DDR4-2400 Core i3-7100 – 2C/3.9GHz/3MB/51W/DDR4-2400 Core i3-7100T – 2C/3.4GHz/3MB/35W/DDR4-2400 Pentium G4620 – 2C/3.7GHz/3MB/51W/DDR4-2400 Pentium G4600 – 2C/3.6GHz/3MB/51W/DDR4-2400 Pentium G4600T – 2C/3GHz/3MB/35W/DDR4-2400 Pentium G4560 – 2C/3.5GHz/3MB/54W/DDR4-2400 Pentium G4560T – 2C/2.9GHz/3MB/35W/DDR4-2400 Supports one of the following Intel "Skylake" processors: Xeon E3-1280 v5 – 4C/3.7GHz/8MB/80W/DDR4-2133 Xeon E3-1270 v5 – 4C/3.6GHz/8MB/80W/DDR4-2133 Xeon E3-1240 v5 – 4C/3.5GHz/8MB/80W/DDR4-2133 Xeon E3-1230 v5 – 4C/3.4GHz/8MB/80W/DDR4-2133 Xeon E3-1220 v5 – 4C/3GHz/8MB/80W/DDR4-2133 Core i3-6320 – 2C/3.9GHz/4MB/51W/DDR4-2133 Core i3-6300T – 2C/3.3GHz/4MB/35W/DDR4-2133 Core i3-6300 – 2C/3.8GHz/4MB/51W/DDR4-2133 Core i3-6100T – 2C/3.2GHz/3MB/35W/DDR4-2133 Core i3-6100 – 2C/3.7GHz/3MB/51W/DDR4-2133 Pentium G4520 – 2C/3.6GHz/3MB/51W/DDR4-2133 Pentium G4500T – 2C/3GHz/3MB/35W/DDR4-2133 Pentium G4500 – 2C/3.5GHz/3MB/51W/DDR4-2133 Pentium G4400T – 2C/2.9GHz/3MB/35W/DDR4-2133 Pentium G4400 – 2C/3.3GHz/3MB/54W/DDR4-2133
Chipset	Intel C232 Platform Controller Hub (PCH)
Memory DIMMs	4 DIMM sockets with 2-channels. UDIMM. DDR4-2133 or DDR4-2400
Memory capacity	Up to 64GB (16GB x 4)
Memory protection	ECC
RAID controller	RAID controller: Onboard RAID121i – Drive type: 6Gbs SATA – RAID support: 0/1/5/10 RAID520i PCIe – 12Gbs SAS/SATA – 0/1/10, 5 with optional key RAID720i PCIe – 12Gbs SAS/SATA – 0/1/10/5/50, 6/60 with optional cache Optional cache for RAID720i: 1GB memory, or 1GB, 2GB, 4GB flash with super capacitor.
Disk drive bays	Supports one of the following configurations: 4x3.5" SATA non-hot swap – RAID controller: 121i – Optical: up to 2 – Tape drive RDX: up to 1 – Tape drive LTO: - 4x3.5" SATA hot-swap – 121i – up to 2 – up to 1 – - 4x3.5" SATA/SAS hot-swap – 520i or 720i – up to 2 – up to 1 – up to 1, 520i only 8x3.5" SATA/SAS hot-swap – 520i or 720i – up to 2 – up to 1 – - 8x2.5" SATA/SAS hot-swap – 520i or 720i – up to 2 – up to 1 – - 16x2.5" SATA/SAS hot-swap – 520i or 720i – up to 2 – up to 1 – - 4x3.5" + 8x2.5" SATA/SAS hot-swap – 520i or 720i – up to 2 – up to 1 – - 4 x 3.5" HS can be upgraded to 8 x 3.5" HS or 4 x 3.5" + 8 x 2.5" HS, 8 x 2.5" HS can be upgraded to 16 x 2.5" HS or 4 x 3.5" + 8 x 2.5" HS, redundant PSU models only, RAID520i/RAID720i and expansion kit is needed, more that 8 disk bays needs expander card. Also supports one M.2 SATA SSD, 32GB or 128GB.
Supporting disk drives	3.5" SATA HDD, 7.2K 6Gbs, HS or NHS – 1TB/2TB/3TB/4TB/6TB/8TB/10TB/12TB 3.5" SAS HDD, 7.2K 12Gbs, HS – 1TB/2TB/3TB/4TB/6TB/8TB/10TB 2.5" SAS HDD, 10K 12Gbs, HS, 2.5" or 3.5" bay – 300GB/600GB/900GB/1.2TB/1.8TB/2.4TB 2.5" SAS HDD, 15K 12Gbs, HS, 2.5" or 3.5" bay – 300GB/600GB 2.5" SATA SSD, 6Gbs, HS, 2.5" or 3.5" bay – 120GB/240GB/480GB/800GB/960GB 2.5" SATA HDD, 7.2K 6Gbs, HS – 1TB/2TB M.2 SATA SSD – 32GB/128GB

Components	Specification
Maximum internal storage	Up to 64TB with 8TB 3.5" SAS or SATA HDDs, 8 x 3.5" HS bay
Optical drive	Two 5.25" bays. Up to 2 optical drives. DVD-ROM or DVD±RW. Half-height. 2nd optical drive will be disable if M.2 SATA SSD is used
Tape drive	Supports one tape drive in 5.25" bay. RDX or LTO. LTO Tape drive needs RAID520i
Network interfaces	Two integrated Gigabit Ethernet 1000BASE-T ports (RJ-45) with Intel i210. One dedicate management port with Realtek RTL8211E
Systems management	UEFI. Onboard Aspeed AST2400 graphics/management processor, IPMI 2.0-compliant baseboard management controller (BMC). Control Panel LEDs shows the status of power, disk drives, network, system. On rear system ID. Supports EasyStartup, Power Planner, Lenovo ThinkServer Diagnostics Standalone, ToolsCenter Suite CLI inventory module on ThinkServer, Lenovo xClarity Administrator
Security features	Power-on and administrator password. Optional TPM, TCG 1.2 or 2.0 compliant.
Operating systems	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 6.8/7.3(6.8 cannot support Kaby Lake processors). SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware vSphere (ESXi) 6.0U2/6.5
Base warranty	1 or 3-year limited onsite service with 9x5/NBD.
Power supply	Supports one of the follwing, depending on models: • One fixed 300 watts, universal, 80 PLUS Bronze qualified. • Up to two redundant 450 watts, two maximum, rear access, hot-swap, 80 PLUS Gold qualified, universal, redundant with two power supplies
Graphics	Integrated in onboard Aspeed AST2400 graphics/management processor. Optional NVIDIA Quadro K420
Front ports	Two USB 3.0 (blue)
Rear ports	One VGA, four USB 3.0, one RJ-45 (dedicated mgmt), two ethernet, one serial (9-pin). Add-on parallel or serial ports via optional PCIe adapters
Noise emissions	Operating: < 43.6 dB(A). Idle: < 33 dB(A) (Maximum configuration)
Environmental specification	All models supports ASHARE B. Models with the following configuration supports ASHARE A3: Xeon E3-1230 v5/8GBx2/DVD±RW/1TB SATAx4/RAID520i/450Wx2/TPM Temperature - operating: ASHRAE A2: 10°C to 35°C (50°F to 95°F); ASHRAE A3: 5°C to 40°C (41°F to 104°F); ASHRAE B: 5°C to 35°C (41°F to 95°F) Temperature - storage (with package): -40°C to 60°C (-40°F to 140°F) Altitude - operating: 20% to 80% (non-condensing); 8% to 85% (non-condensing); 8% to 80% (non-condensing) Humidity - storage (with package): 10% to 90% (non-condensing) Altitude - operating: 0 m to 3048 m (0 ft to 10 000 ft) in an unpressurized environment GREENGUARD certified, RoHS-compliant, Energy Star Server 2.1 qualified on redundant PSU models



Expansion slots

4 PCIe 3.0 slots (top-down):
Slot 1: PCIe 3.0 x4, full height, full length, open-end, from PCH
Slot 2: PCIe 3.0 x16, full height, full length, from CPU
Slot 3: PCIe 3.0 x1, full height, half length, from PCH
Slot 4: PCIe 3.0 x8, full height, half length, open-end, from CPU

Note:
1. If a PCIe card is connected to slot 4, both slot 2 and slot 4 will work at PCIe x8.
2. If a discrete graphics card is used, slot 2 will work at PCIe x16 and slot 4 will be disable.

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	Optical	Add-on NIC	Add-on Ports	System Management	Operating System	Warranty	Power Supply	Ann Date (mm/yy)
70TR000LUX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000MUX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000NUX	US	Xeon E3-1240 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000PUX	US	Xeon E3-1270 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000QUX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000RUX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000SUX	US	Xeon E3-1240 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000TUX	US	Xeon E3-1270 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000UUX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" NHS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000VUX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" NHS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000WUX	US	Xeon E3-1240 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" NHS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000XUX	US	Xeon E3-1270 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" NHS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR000YUX	US	Pentium G4400 2C/3.3GHz/3MB/54W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" NHS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	02/17
70TR0016UX	US	Xeon E3-1220 v6 4C/3.0GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	06/17
70TR0017UX	US	Xeon E3-1230 v6 4C/3.5GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	06/17
70TR0018UX	US	Xeon E3-1240 v6 4C/3.7GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	06/17
70TR0019UX	US	Xeon E3-1270 v6 4C/3.8GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	06/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	Optical	Add-on NIC	Add-on Ports	System Management	Operating System	Warranty	Power Supply	Ann Date (mm/yy)
70TR001AUX	US	Xeon E3-1220 v6 4C/3.0GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	06/17
70TR001BUX	US	Xeon E3-1230 v6 4C/3.5GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	06/17
70TR001CUX	US	Xeon E3-1240 v6 4C/3.7GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	06/17
70TR001DUX	US	Xeon E3-1270 v6 4C/3.8GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	Fixed 300W Bronze	06/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	Optical	Add-on NIC	Add-on Ports	System Management	Operating System	Warranty	Power Supply	Ann Date (mm/yy)
70TT000JUX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	02/17
70TT000KUX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	02/17
70TT000LUX	US	Xeon E3-1240 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	02/17
70TT000MUX	US	Xeon E3-1270 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	02/17
70TT000NUX	US	Xeon E3-1220 v5 4C/3.0GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	02/17
70TT000PUX	US	Xeon E3-1230 v5 4C/3.4GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	02/17
70TT000QUX	US	Xeon E3-1240 v5 4C/3.5GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	02/17
70TT000RUX	US	Xeon E3-1270 v5 4C/3.6GHz/8MB/80W/DDR4-2133	1x8GB UDIMM DDR4-2133 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	02/17
70TT001YUX	US	Xeon E3-1220 v6 4C/3.0GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	06/17
70TT0020UX	US	Xeon E3-1230 v6 4C/3.5GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	06/17
70TT0021UX	US	Xeon E3-1240 v6 4C/3.7GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	06/17
70TT0022UX	US	Xeon E3-1270 v6 4C/3.8GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID121i	4x3.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	06/17
70TT0023UX	US	Xeon E3-1220 v6 4C/3.0GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	06/17
70TT0024UX	US	Xeon E3-1230 v6 4C/3.5GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	06/17
70TT0025UX	US	Xeon E3-1240 v6 4C/3.7GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	06/17
70TT0026UX	US	Xeon E3-1270 v6 4C/3.8GHz/8MB/72W/DDR4-2400	1x8GB UDIMM DDR4-2400 ECC	RAID520i	8x2.5" HS	Open	Open	None	None	TPM 2.0	None	1-year	1x450W Gold	06/17

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Product Specifications Reference

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Summary of Changes

This section describes the changes made in this version of ThinkSystem PSREF and in previous version
This edition might also include minor corrections and editorial changes which are not identified

May 9, 2018 - Version 524

- ►Withdraw ThinkSystem SR650/SR630/SR550/SR530/SR850/ST550 LFOs to April 2018
- ►Update ThinkSystem SR650/SR630/SR590/SR530 LA LFOs to April 2018

Apri 18, 2018 - Version 523

- ►Update ThinkSystem SR650/630/550/530 LFOs to April 2018

November 29, 2017 - Version 516

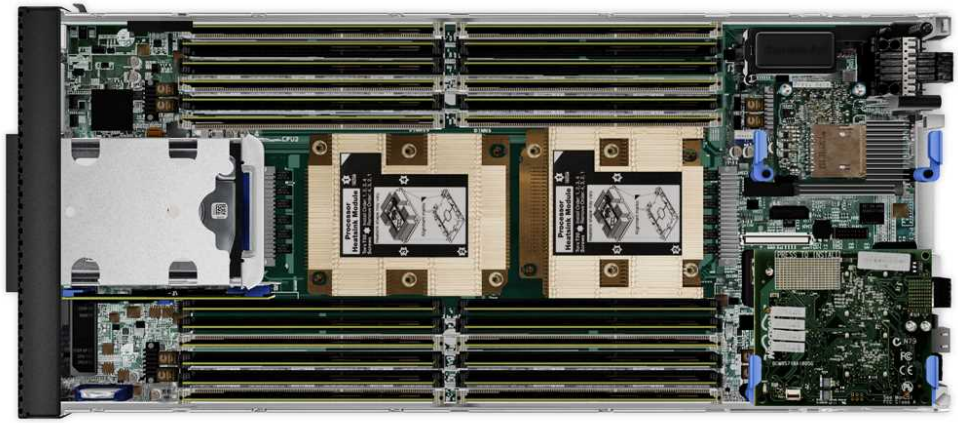
- ►Add new ThinkSystem SR860/SR590/SR570
- ►Add 128GB 3DS RDIMM, 480GB M.2 SSD, VMware ESXi 6.5U1, Red Hat Enterprise Linux 7.4 supports on compatible ThinkSystem servers

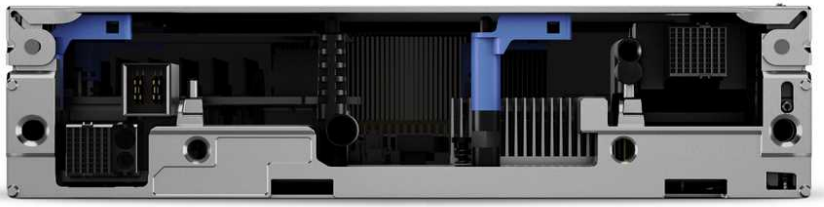
November 8, 2017 - Version 515

- ►Add ThinkSystem SN850/SN550/SD530 and ThinkSystem D2 Enclosure

July 12, 2017 - Version 509

- ►Initial version, includes ThinkSytem rack servers SR650/SR630/SR550/SR530, tower server ST550, and mission-critical servers SR850 and SR950.





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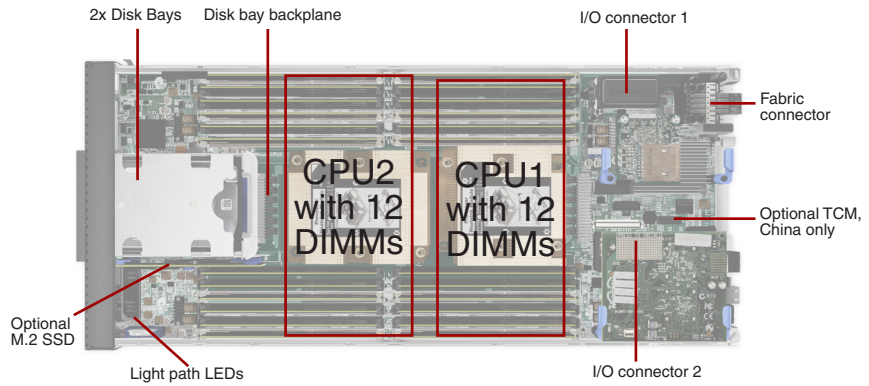
ThinkSystem SN550 Platform Specifications

Components	Specification
Form factor	Standard-width Flex System compute node
Dimensions	Height: 51 mm (2.0 in). Width: 215 mm (8.5 in). Depth: 493 mm (19.4 in)
Chassis support	Flex System Enterprise Chassis with CMM2
Weight	Maximum configuration: 15.6 lb (7.1 kg)
Processor	Up to two 165W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 28 cores at 2.1GHz, up to 3.6GHz with 4 cores. Up to two UPI (Ultra Path Interconnect) links at maximum 10.4GT/s each
Chipset	Intel C624 Platform Controller Hub
Memory	Up to 24 DIMM sockets. Each processor supports up to 12 DIMM sockets with 6 channels. DDR4-2666. RDIMMs, LRDIMMs, and 3DS RDIMMs are supported, but memory types cannot be intermixed. 3DS RDIMM is planned to available later
Memory capacity	Up to 768GB with 24 x 32GB RDIMMs and two processors. Or up to 1.5TB with 24 x 64GB LRDIMMs and two processors. Or up to 3TB with 24 x 128GB 3DS RDIMMs and two -M suffix processors. -M suffix processor supports 1.5TB memory per socket, non -M suffix processor supports 768GB memory per socket
Memory protection	ECC, SDDC (for x4-based memory DIMMs), ADDDC (for x4-based memory DIMMs, requires Gold or Platinum processors), memory mirroring, and memory sparing
Storage controllers	Supports the following RAID/HBA adapters: Onboard Intel RSTe: 6Gbps SATA, SATA, 0/1, Yes, None, None, No 530-4i: 12Gbps SAS, SATA/SAS, 0/1, Yes, None, None, Yes 930-4i: 12Gbps SAS, SATA/SAS, 0/1, Yes, 2GB, Flash backup, Yes
Disk drive bays	Two 2.5" hot-swap disk bays. Depending on server configuration and installed backplanes, the two bays can supports SATA, SATA/SAS, or SATA/NVMe disks. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring
Internal storage	2.5" NVMe SSD: 800GB/960GB/1.6TB/1.92TB/3.84TB 2.5" HDD, SATA6Gbps, 7,2K: 1TB/2TB 2.5" HDD, SAS12Gbps, 7,2K: 1TB/2TB 2.5" HDD, SAS12Gbps, 15K: 300GB/600GB/900GB 2.5" HDD, SAS12Gbps, 10K: 300GB/600GB/900GB/1.2TB/1.8TB/2.4TB 2.5" HDD, SAS12Gbps, 10K, SED: 300GB/600GB 2.5" SSD, SATA6Gbps: 240GB/480GB/960GB/1.92TB/3.84TB 2.5" SSD, SAS12Gbps: 400GB/800GB/1.6TB/3.84TB/7.68TB/15.36TB M.2 SATA SSD: 32GB/128GB/480GB
Network interfaces	Optional 4x 10GbE LOM with fabric connector. The fabric connector is supported to routes the four 10GbE ports to Flex system chassis midplane. Optional adapters are supported, up to 2 adapters, up to 40GbE
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 and 2.0 compliant. Optional TCM, China only
Operating systems supported	Microsoft Windows Server 2016, 2012 R2, Red Hat Enterprise Linux 6 and 7 x64, SUSE Linux Enterprise Server 11 and 12 x64, VMware vSphere 6.0 and 6.5
Systems management	UEFI. Lenovo XClarity Controller with Pilot4 XE401 baseboard management controller (BMC), Predictive Failure Analysis, light path diagnostics panel, automatic server restart, remote presence. Support for Lenovo XClarity Administrator and Lenovo XClarity Energy Manager
GPU support	None
Base warranty	MT 7X16: 3-year limited onsite service with 9x5/NBD
Power supply	Power to the blade server is derived from the power supplies that are installed in the chassis. There are no server options regarding power supplies.
Video	Integrated Matrox G200 in XClarity Controller
Front ports	One USB 3.0, one console breakout cable port that provides local KVM and serial ports (cable standard with chassis, more cables optional).
Environmental specification	Supports ASHRAE A3. Temperature - operating: A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F) Temperature - non operating (no package): 5°C to 45°C (41°F to 113°F) Temperature - non operating (with package): -40°C to 60°C (-40°F to 140°F) Altitude - operating: (Unpressurized): 0-10000ft (0-3048m) Humidity - operating, non-condensing: A3:8%~85%. A2:8%~80% Humidity - storage (with package), non-condensing: 8%~90%

Expansion slots

Supports two PCIe 3.0 x16 I/O expansion connectors for attaching I/O adapter cards, each connector uses high-density, 216-pin PCIe connection. Please see I/O adapters below:



System unique options

7M27A03915	Lenovo SATA HDD/SSD Backplane for SN550
7M27A03916	Lenovo NVMe/SATA Backplane for SN550
7M27A03917	Lenovo RAID 930-4i-2GB 2 Drive Adapter Kit for SN550
7M27A03918	Lenovo RAID 530-4i 2 Drive Adapter Kit for SN550
7X77A01301	Lenovo 8GB TruDDR4 2666 MHz (1Rx8 1.2V) RDIMM
7X77A01302	Lenovo 16GB TruDDR4 2666 MHz (1Rx4 1.2V) RDIMM
7X77A01303	Lenovo 16GB TruDDR4 2666 MHz (2Rx8 1.2V) RDIMM
7X77A01304	Lenovo 32GB TruDDR4 2666 MHz (2Rx4 1.2V) RDIMM
7X77A01305	Lenovo 64GB TruDDR4 2666 MHz (4Rx4 1.2V) LRDIMM
00AG540	Flex System CN4052S 2-port 10Gb Virtual Fabric Adapter
00AG590	Flex System CN4054S 4-port 10Gb Virtual Fabric Adapter
01CV780	Flex System CN4052S 2-port 10Gb Virtual Fabric Adapter Advanced
01CV790	Flex System CN4054S 4-port 10Gb Virtual Fabric Adapter Advanced
7ZT7A00502	Lenovo Mellanox ConnectX-3 Mezz 40Gb 2-Port Ethernet Adapter
7ZT7A00520	Lenovo QLogic QML2692 Mezz 16Gb 2-Port Fibre Channel Adapter
7ZT7A00521	Lenovo Emulex LPm16002B-L Mezz 16Gb 2-Port Fibre Channel Adapter
7ZT7A00522	Lenovo Emulex LPm16004B-L Mezz 16Gb 4-Port Fibre Channel Adapter
7ZT7A00508	Lenovo Mellanox ConnectX-3 Mezz FDR 2-Port InfiniBand Adapter
7Y37A01092	Lenovo M.2 Enablement Kit
7Y37A01093	Lenovo M.2 with Mirroring Enablement Kit
7N47A00129	Lenovo M.2 32GB SATA 6Gbps Non-Hot-Swap SSD
7N47A00130	Lenovo M.2 128GB SATA 6Gbps Non-Hot-Swap SSD

Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A00YLA	ThinkSystem SN550	LA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00RLA	ThinkSystem SN550	LA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03JLA	ThinkSystem SN550	LA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03LLA	ThinkSystem SN550	LA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03MLA	ThinkSystem SN550	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A032LA	ThinkSystem SN550	LA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A030LA	ThinkSystem SN550	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A00FAU	ThinkSystem SN550	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00MAU	ThinkSystem SN550	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00WAU	ThinkSystem SN550	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A01EAU	ThinkSystem SN550	ANZ	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A020AU	ThinkSystem SN550	ANZ	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A022AU	ThinkSystem SN550	ANZ	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A023AU	ThinkSystem SN550	ANZ	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02DAU	ThinkSystem SN550	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02EAU	ThinkSystem SN550	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A025AU	ThinkSystem SN550	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A028AU	ThinkSystem SN550	ANZ	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02BAU	ThinkSystem SN550	ANZ	1x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02YAU	ThinkSystem SN550	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A033AU	ThinkSystem SN550	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A037AU	ThinkSystem SN550	ANZ	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A03DAU	ThinkSystem SN550	ANZ	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03EAU	ThinkSystem SN550	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03KAU	ThinkSystem SN550	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03PAU	ThinkSystem SN550	ANZ	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03RAU	ThinkSystem SN550	ANZ	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03SAU	ThinkSystem SN550	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A01VSG	ThinkSystem SN550	ASEAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01XSG	ThinkSystem SN550	ASEAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01YSG	ThinkSystem SN550	ASEAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01ZSG	ThinkSystem SN550	ASEAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01GSG	ThinkSystem SN550	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01BSG	ThinkSystem SN550	ASEAN	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01DSG	ThinkSystem SN550	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01KSG	ThinkSystem SN550	ASEAN	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17

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ThinkSystem SN550 - Non TopSeller - Brazil

Product Specifications Reference (PSREF)

Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A03SBR	ThinkSystem SN550	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03VBR	ThinkSystem SN550	Brazil	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03WBR	ThinkSystem SN550	Brazil	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03XBR	ThinkSystem SN550	Brazil	1x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03RBR	ThinkSystem SN550	Brazil	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03PBR	ThinkSystem SN550	Brazil	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03KBR	ThinkSystem SN550	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03EBR	ThinkSystem SN550	Brazil	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A03DBR	ThinkSystem SN550	Brazil	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A037BR	ThinkSystem SN550	Brazil	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A033BR	ThinkSystem SN550	Brazil	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02YBR	ThinkSystem SN550	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A02CEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A029EA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A026EA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02KEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02LEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02MEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02NEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02PEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02QEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02REA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02SEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02TEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02UEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02VEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A02WEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A00CEA	ThinkSystem SN550	EET, MEA, RUCIS, WE	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A003CN	ThinkSystem SN550	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A016CN	ThinkSystem SN550	HTK	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01LCN	ThinkSystem SN550	HTK	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01NCN	ThinkSystem SN550	HTK	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01PCN	ThinkSystem SN550	HTK	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01QCN	ThinkSystem SN550	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01RCN	ThinkSystem SN550	HTK	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01SCN	ThinkSystem SN550	HTK	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01TCN	ThinkSystem SN550	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A01UCN	ThinkSystem SN550	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A02ACN	ThinkSystem SN550	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A031CN	ThinkSystem SN550	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A03GCN	ThinkSystem SN550	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A03HCN	ThinkSystem SN550	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A03TCN	ThinkSystem SN550	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A014SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A01HSG	ThinkSystem SN550	INDIA	1x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A017SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A018SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A019SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A01ASG	ThinkSystem SN550	INDIA	1x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00XSG	ThinkSystem SN550	INDIA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00ZSG	ThinkSystem SN550	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A010SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00NSG	ThinkSystem SN550	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00PSG	ThinkSystem SN550	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00QSG	ThinkSystem SN550	INDIA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00SSG	ThinkSystem SN550	INDIA	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00VSG	ThinkSystem SN550	INDIA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A004SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A002SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A008SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A009SG	ThinkSystem SN550	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00DSG	ThinkSystem SN550	INDIA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00ESG	ThinkSystem SN550	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00KSG	ThinkSystem SN550	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00LSG	ThinkSystem SN550	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00GSG	ThinkSystem SN550	INDIA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00HSG	ThinkSystem SN550	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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ThinkSystem SN550 - Non TopSeller - JAPAN

Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A00JJP	ThinkSystem SN550	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00TJP	ThinkSystem SN550	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A012JP	ThinkSystem SN550	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A00ULA	ThinkSystem SN550	LA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A00BLA	ThinkSystem SN550	LA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A007LA	ThinkSystem SN550	LA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A01JLA	ThinkSystem SN550	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A01FLA	ThinkSystem SN550	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17
7X16A01CLA	ThinkSystem SN550	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	2x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/2 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X16A01WNA	ThinkSystem SN550	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A024NA	ThinkSystem SN550	NA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A021NA	ThinkSystem SN550	NA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A00ANA	ThinkSystem SN550	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A005NA	ThinkSystem SN550	NA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/2 max	3-year, Onsite	07/17
7X16A006NA	ThinkSystem SN550	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/2 max	3-year, Onsite	07/17

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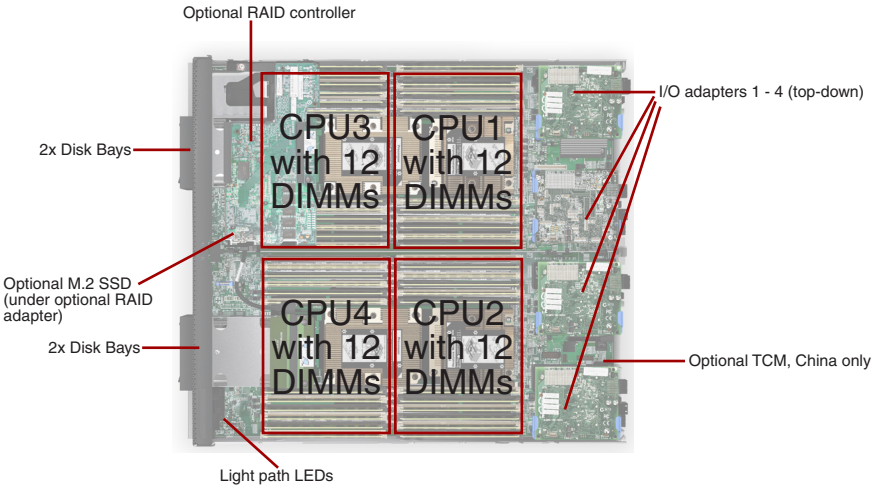
ThinkSystem SN850 Platform Specifications

<table>
<tr><th>Components</th><th>Specification</th></tr>
<tr><td>Form factor</td><td>Double-width Flex System compute node</td></tr>
<tr><td>Dimensions</td><td>Height: 55 mm (2.2 in). Width: 435 mm (17.1 in). Depth: 493 mm (19.4 in)</td></tr>
<tr><td>Chassis support</td><td>Flex System Enterprise Chassis with CMM2</td></tr>
<tr><td>Weight</td><td>Maximum configuration: 27 lb (12.3 kg)</td></tr>
<tr><td>Processor</td><td>Supports up to four 165W Intel Xeon Scalable family processors, Gold or Platinum. Up to 28 cores at 2.1GHz, up to 3.6GHz with 4 cores. Up to three UPI (Ultra Path Interconnect) links at maximum 10.4GT/s each</td></tr>
<tr><td>Chipset</td><td>Intel C624 Platform Controller Hub</td></tr>
<tr><td>Memory</td><td>Up to 48 DIMM sockets. Each processor supports up to 12 DIMM sockets with 6 channels. DDR4-2666. RDIMMs, LRDIMMs, and 3DS RDIMMs are supported, but memory types cannot be intermixed. 3DS RDIMM is planned to available later</td></tr>
<tr><td>Memory capacity</td><td>Up to 1.5TB with 48 x 32GB RDIMMs and four processors. Or up to 3TB with 48 x 64GB LRDIMMs and four processors. Or up to 6TB with 48 x 128GB 3DS RDIMMs and four -M suffix processors. -M suffix processor supports 1.5TB memory per socket, non -M suffix processor supports 768GB memory per socket</td></tr>
<tr><td>Memory protection</td><td>ECC, SDDC (for x4-based memory DIMMs), ADDDC (for x4-based memory DIMMs), memory mirroring, and memory sparing.</td></tr>
<tr><td>Storage controllers</td><td>Supports the following RAID/HBA adapters:
<table>
<tr><th>Adapter</th><th>Interface</th><th>Drive type</th><th>RAID levels</th><th>JBOD</th><th>Cache</th><th>Cache protection</th><th>FastPath</th></tr>
<tr><td>Onboard Intel RSTe</td><td>6Gbps SATA</td><td>SATA</td><td>0/1/10/5</td><td>Yes</td><td>None</td><td>None</td><td>No</td></tr>
<tr><td>530-4i</td><td>12Gbps SAS</td><td>SATA/SAS</td><td>0/1/10/5</td><td>Yes</td><td>None</td><td>None</td><td>Yes</td></tr>
<tr><td>930-4i</td><td>12Gbps SAS</td><td>SATA/SAS</td><td>0/1/10/5/6</td><td>Yes</td><td>2GB</td><td>Flash backup</td><td>Yes</td></tr>
</table></td></tr>
<tr><td>Disk drive bays</td><td>Four 2.5" hot-swap disk bays. Depending on server configuration and installed backplanes, the four bays can supports SATA, SATA/SAS, or SATA/NVMe disks. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring</td></tr>
<tr><td>Internal storage</td><td>
<table>
<tr><td>2.5" NVMe SSD</td><td>800GB/960GB/1.6TB/1.92TB/3.84TB</td></tr>
<tr><td>2.5" HDD, SATA6Gbps, 7,2K</td><td>1TB/2TB</td></tr>
<tr><td>2.5" HDD, SAS12Gbps, 7,2K</td><td>1TB/2TB</td></tr>
<tr><td>2.5" HDD, SAS12Gbps, 15K</td><td>300GB/600GB/900GB</td></tr>
<tr><td>2.5" HDD, SAS12Gbps, 10K</td><td>300GB/600GB/900GB/1.2TB/1.8TB/2.4TB</td></tr>
<tr><td>2.5" HDD, SAS12Gbps, 10K, SED</td><td>300GB/600GB</td></tr>
<tr><td>2.5" SSD, SATA6Gbps</td><td>240GB/480GB/960GB/1.92TB/3.84TB</td></tr>
<tr><td>2.5" SSD, SAS12Gbps</td><td>400GB/1.6TB/15.36TB</td></tr>
<tr><td>M.2 SATA SSD</td><td>32GB/128GB/480GB</td></tr>
</table></td></tr>
<tr><td>Network interfaces</td><td>Optional 4x 10GbE LOM with fabric connector. The fabric connector is supported to routes the four 10GbE ports to Flex system chassis midplane. Optional adapters are supported, up to 4 adapters, up to 40GbE</td></tr>
<tr><td>Security features</td><td>Power-on and admin password. Trusted Platform Module, TCG 1.2 and 2.0 compliant. Optional TCM, China only</td></tr>
<tr><td>Operating systems supported</td><td>Microsoft Windows Server 2016, 2012 R2, Red Hat Enterprise Linux 6 and 7 x64, SUSE Linux Enterprise Server 11 and 12 x64, VMware vSphere 6.0 and 6.5</td></tr>
<tr><td>Systems management</td><td>UEFI. Lenovo XClarity Controller with Pilot4 XE401 baseboard management controller (BMC), Predictive Failure Analysis, light path diagnostics panel, automatic server restart, remote presence. Support for Lenovo XClarity Administrator and Lenovo XClarity Energy Manager</td></tr>
<tr><td>GPU support</td><td>None</td></tr>
<tr><td>Base warranty</td><td>MT 7X15: 3-year limited onsite service with 9x5/NBD</td></tr>
<tr><td>Power supply</td><td>Power to the blade server is derived from the power supplies that are installed in the chassis. There are no server options regarding power supplies.</td></tr>
<tr><td>Video</td><td>Integrated Matrox G200 in XClarity Controller</td></tr>
<tr><td>Front ports</td><td>One USB 3.0, one console breakout cable port that provides local KVM and serial ports (cable standard with chassis, more cables optional).</td></tr>
<tr><td>Environmental specification</td><td>Supports ASHRAE A3.
<table>
<tr><td>Temperature - operating</td><td>A3: 5°C to 40°C (41°F to 104°F)
A2: 10°C to 35°C (50°F to 95°F)</td></tr>
<tr><td>Temperature - non operating (no package)</td><td>5°C to 45°C (41°F to 113°F)</td></tr>
<tr><td>Temperature - non operating (with package)</td><td>-40°C to 60°C (-40°F to 140°F)</td></tr>
<tr><td>Altitude - operating</td><td>(Unpressurized): 0-10000ft (0-3048m)</td></tr>
<tr><td>Humidity - operating, non-condensing</td><td>A3:8%~85%. A2:8%~80%</td></tr>
<tr><td>Humidity - storage (with package), non-condensing</td><td>8%~90%</td></tr>
</table></td></tr>
</table>

Expansion slots

Supports four PCIe 3.0 x16 I/O expansion connectors for attaching I/O adapter cards, each connector uses high-density, 216-pin PCIe connection. Please see I/O adapters below:



System unique options

7M17A03930	Lenovo SATA HDD/SSD kit for SN850
7M17A03931	Lenovo NVMe/SATA Enablement Kit for SN850
7M17A03932	Lenovo RAID 530-4i 4 Drive Adapter Kit for SN850
7M17A03933	Lenovo RAID 930-4i-2GB 4 Drive Adapter Kit for SN850
7X77A01301	Lenovo 8GB TruDDR4 2666 MHz (1Rx8 1.2V) RDIMM
7X77A01302	Lenovo 16GB TruDDR4 2666 MHz (1Rx4 1.2V) RDIMM
7X77A01303	Lenovo 16GB TruDDR4 2666 MHz (2Rx8 1.2V) RDIMM
7X77A01304	Lenovo 32GB TruDDR4 2666 MHz (2Rx4 1.2V) RDIMM
7X77A01305	Lenovo 64GB TruDDR4 2666 MHz (4Rx4 1.2V) LRDIMM
00AG540	Flex System CN4052S 2-port 10Gb Virtual Fabric Adapter
00AG590	Flex System CN4054S 4-port 10Gb Virtual Fabric Adapter
01CV780	Flex System CN4052S 2-port 10Gb Virtual Fabric Adapter Advanced
01CV790	Flex System CN4054S 4-port 10Gb Virtual Fabric Adapter Advanced
7ZT7A00502	Lenovo Mellanox ConnectX-3 Mezz 40Gb 2-Port Ethernet Adapter
7ZT7A00520	Lenovo QLogic QML2692 Mezz 16Gb 2-Port Fibre Channel Adapter
7ZT7A00521	Lenovo Emulex LPm16002B-L Mezz 16Gb 2-Port Fibre Channel Adapter
7ZT7A00522	Lenovo Emulex LPm16004B-L Mezz 16Gb 4-Port Fibre Channel Adapter
7ZT7A00508	Lenovo Mellanox ConnectX-3 Mezz FDR 2-Port InfiniBand Adapter
7Y37A01092	Lenovo M.2 Enablement Kit
7Y37A01093	Lenovo M.2 with Mirroring Enablement Kit
7N47A00129	Lenovo M.2 32GB SATA 6Gbps Non-Hot-Swap SSD
7N47A00130	Lenovo M.2 128GB SATA 6Gbps Non-Hot-Swap SSD

Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A00JAU	ThinkSystem SN850	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02XAU	ThinkSystem SN850	ANZ	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02YAU	ThinkSystem SN850	ANZ	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02ZAU	ThinkSystem SN850	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A030AU	ThinkSystem SN850	ANZ	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A031AU	ThinkSystem SN850	ANZ	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A032AU	ThinkSystem SN850	ANZ	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A033AU	ThinkSystem SN850	ANZ	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A034AU	ThinkSystem SN850	ANZ	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A035AU	ThinkSystem SN850	ANZ	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A036AU	ThinkSystem SN850	ANZ	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A037AU	ThinkSystem SN850	ANZ	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17

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ThinkSystem SN850 - Non TopSeller - ASEAN

Product Specifications Reference (PSREF)

Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A00RSG	ThinkSystem SN850	ASEAN	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A00USG	ThinkSystem SN850	ASEAN	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A012SG	ThinkSystem SN850	ASEAN	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A013SG	ThinkSystem SN850	ASEAN	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A00ZSG	ThinkSystem SN850	ASEAN	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A010SG	ThinkSystem SN850	ASEAN	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01FSG	ThinkSystem SN850	ASEAN	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01QSG	ThinkSystem SN850	ASEAN	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01SSG	ThinkSystem SN850	ASEAN	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01WSG	ThinkSystem SN850	ASEAN	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01XSG	ThinkSystem SN850	ASEAN	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A028SG	ThinkSystem SN850	ASEAN	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	None	0 used/4 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A02LBR	ThinkSystem SN850	Brazil	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02MBR	ThinkSystem SN850	Brazil	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02NBR	ThinkSystem SN850	Brazil	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02PBR	ThinkSystem SN850	Brazil	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02QBR	ThinkSystem SN850	Brazil	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02RBR	ThinkSystem SN850	Brazil	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02SBR	ThinkSystem SN850	Brazil	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02TBR	ThinkSystem SN850	Brazil	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02UBR	ThinkSystem SN850	Brazil	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02VBR	ThinkSystem SN850	Brazil	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02WBR	ThinkSystem SN850	Brazil	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A029EA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02AEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02BEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02CEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02DEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02EEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02FEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02GEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02HEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02JEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A02KEA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A019EA	ThinkSystem SN850	EET, MEA, RUCIS, WE	2x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/NVMe HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A01BCN	ThinkSystem SN850	HTK	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	1x 128GB	None	0 used/4 max	3-year, Onsite	07/17
7X15A01HCN	ThinkSystem SN850	HTK	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	1x 32GB	None	0 used/4 max	3-year, Onsite	07/17
7X15A01JCN	ThinkSystem SN850	HTK	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	1x 32GB	None	0 used/4 max	3-year, Onsite	07/17
7X15A018CN	ThinkSystem SN850	HTK	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A00WCN	ThinkSystem SN850	HTK	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	1x 128GB	None	0 used/4 max	3-year, Onsite	07/17
7X15A00YCN	ThinkSystem SN850	HTK	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A00LCN	ThinkSystem SN850	HTK	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A00MCN	ThinkSystem SN850	HTK	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	1x 128GB	None	0 used/4 max	3-year, Onsite	07/17
7X15A00PCN	ThinkSystem SN850	HTK	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	1x 32GB	None	0 used/4 max	3-year, Onsite	07/17
7X15A020CN	ThinkSystem SN850	HTK	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01UCN	ThinkSystem SN850	HTK	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01RCN	ThinkSystem SN850	HTK	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01ECN	ThinkSystem SN850	HTK	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01LCN	ThinkSystem SN850	HTK	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A026CN	ThinkSystem SN850	HTK	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A027CN	ThinkSystem SN850	HTK	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A01PCN	ThinkSystem SN850	HTK	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	1x 32GB	None	0 used/4 max	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A01MSG	ThinkSystem SN850	INDIA	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A01NSG	ThinkSystem SN850	INDIA	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A01DSG	ThinkSystem SN850	INDIA	2x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A01VSG	ThinkSystem SN850	INDIA	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A024SG	ThinkSystem SN850	INDIA	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A025SG	ThinkSystem SN850	INDIA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A00QSG	ThinkSystem SN850	INDIA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A006SG	ThinkSystem SN850	INDIA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A009SG	ThinkSystem SN850	INDIA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A00CSG	ThinkSystem SN850	INDIA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A00DSG	ThinkSystem SN850	INDIA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A00ESG	ThinkSystem SN850	INDIA	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A00FSG	ThinkSystem SN850	INDIA	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A01KSG	ThinkSystem SN850	INDIA	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17

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ThinkSystem SN850 - Non TopSeller - JAPAN

Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A008JP	ThinkSystem SN850	JAPAN	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA HS	Onboard SATA	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A00SJP	ThinkSystem SN850	JAPAN	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17

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ThinkSystem SN850 - Non TopSeller - LA

Product Specifications Reference (PSREF)

Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A007LA	ThinkSystem SN850	LA	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A01CLA	ThinkSystem SN850	LA	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A01ALA	ThinkSystem SN850	LA	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A021LA	ThinkSystem SN850	LA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A022LA	ThinkSystem SN850	LA	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 530-4i	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A01YLA	ThinkSystem SN850	LA	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17
7X15A01ZLA	ThinkSystem SN850	LA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	4x 2.5" SATA/SAS HS	1x 930-4i 2GB Flash	None	None	4x 10GbE LOM + Fabric connector	1 used/4 max	3-year, Onsite	07/17

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ThinkSystem SN850 - Non TopSeller - NA

Model	Product	Region	Processor	Memory	Disk Bays	Storage Controller	Disks	M.2 Drives	Networking	I/O Slots	Warranty	Ann Date (mm/yy)
7X15A011NA	ThinkSystem SN850	NA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A014NA	ThinkSystem SN850	NA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A015NA	ThinkSystem SN850	NA	2x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A016NA	ThinkSystem SN850	NA	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/4 max	3-year, Onsite	07/17
7X15A00BNA	ThinkSystem SN850	NA	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 32GB RDIMM DDR4-2666	None	Open	None	None	None	0 used/4 max	3-year, Onsite	07/17

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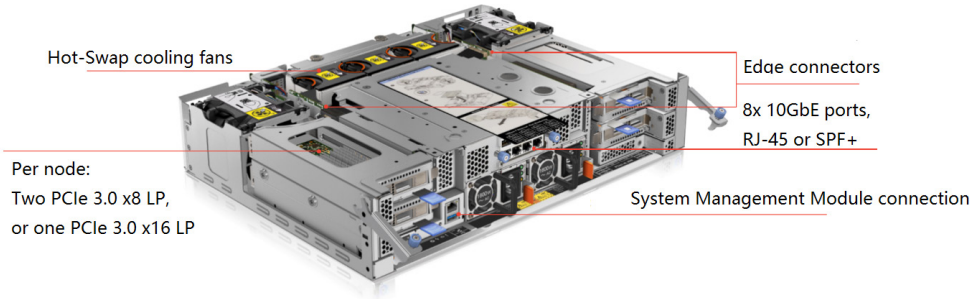
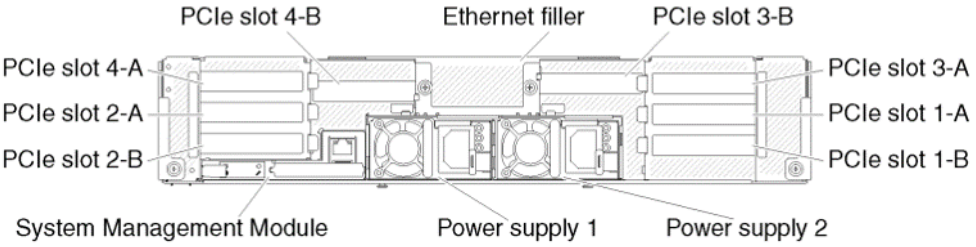
ThinkSystem D2 Enclosure Platform Specifications

Components	Specification
Form factor	2U rack
Dimensions	Height: 87 mm (3.5 in). Width: 488 mm (19.3 in). Depth: 892 mm (35.1 in)
Server support	Per enclosure: up to 4 servers per chassis Per 42U rack: up to 84 servers in 21 enclosures
Weight	Maximum configuration with four fully configured nodes): 121.2 lb (55 kg)
Network interfaces	Optional 8x 10 GbE ports Ethernet I/O Module (EIOM), SFP+ or RJ-45, two ports per server from chipset
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 and 2.0 compliant. Optional TCM, China only
Systems management	The hot-swappable System Management Module (SMM) is the management device for the enclosure. Provides integrated systems management functions and controls the power and cooling features of the enclosure. Provides remote browser and CLI-based user interfaces for remote access via the dedicated Gigabit Ethernet port. Remote access is to both the management functions of the enclosure as well as the XClarity Controller (XCC) in each server. SMM provides four LEDs: system error, identification, status, and system power. Each power supply has AC, DC and error LEDs
Base warranty	MT 7X20: 3-year limited onsite service with 9x5/NBD
Power supply	Up to two redundant hot-swap 1100W/1600W/2000W 80 PLUS Platinum qualified AC power supplies. 1600W and 2000W are 200V - 240V, 1100W is 100V - 240V
Cooling	Five hot-swap system fans, accessible via removable panel in the top cover of the enclosure

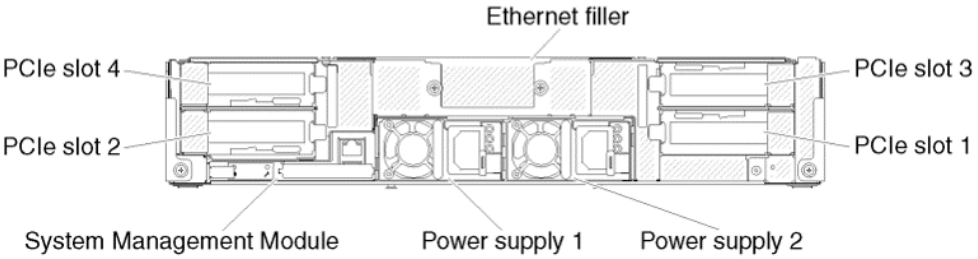
Shuttle



Expansion slots for PCIe 3.0 x8 models



Expansion slots for PCIe 3.0 x16 models



ThinkSystem D2 Enclosure - Non TopSeller - ANZ

Product Specifications Reference (PSREF)

Model	Product	Region	I/O Shuttle	External I/O Module	Power Supply	Power cords	Rail Kit	CMA	Warranty	Ann Date (mm/yy)
7X20A00SAU	ThinkSystem D2 Enclosure	ANZ	4x PCIe x16	None	2x 1100W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00TAU	ThinkSystem D2 Enclosure	ANZ	4x PCIe x16	None	2x 2000W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00UAU	ThinkSystem D2 Enclosure	ANZ	8x PCIe x8	None	2x 1600W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00VAU	ThinkSystem D2 Enclosure	ANZ	4x PCIe x16	None	2x 1600W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00WAU	ThinkSystem D2 Enclosure	ANZ	8x PCIe x8	None	2x 1100W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00XAU	ThinkSystem D2 Enclosure	ANZ	8x PCIe x8	None	2x 2000W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00YAU	ThinkSystem D2 Enclosure	ANZ	8x PCIe x8	None	2x 1600W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00ZAU	ThinkSystem D2 Enclosure	ANZ	8x PCIe x8	None	2x 1100W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A010AU	ThinkSystem D2 Enclosure	ANZ	8x PCIe x8	None	2x 2000W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A011AU	ThinkSystem D2 Enclosure	ANZ	4x PCIe x16	None	2x 1100W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A012AU	ThinkSystem D2 Enclosure	ANZ	4x PCIe x16	None	2x 1600W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A013AU	ThinkSystem D2 Enclosure	ANZ	4x PCIe x16	None	2x 2000W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17

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ThinkSystem D2 Enclosure - Non TopSeller - ASEAN

Product Specifications Reference (PSREF)

Model	Product	Region	I/O Shuttle	External I/O Module	Power Supply	Power cords	Rail Kit	CMA	Warranty	Ann Date (mm/yy)
7X20A00FSG	ThinkSystem D2 Enclosure	ASEAN	8x PCIe x8	None	2x 2000W Platinum	2x 2.8m C13-C14	D2 Slide Rail	None	3-year, Onsite	07/17
7X20A00GSG	ThinkSystem D2 Enclosure	ASEAN	4x PCIe x16	None	2x 2000W Platinum	2x 2.8m C13-C14	D2 Slide Rail	None	3-year, Onsite	07/17

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ThinkSystem D2 Enclosure - Non TopSeller - EET, MEA, RUCIS, WE

Product Specifications Reference (PSREF)

Model	Product	Region	I/O Shuttle	External I/O Module	Power Supply	Power cords	Rail Kit	CMA	Warranty	Ann Date (mm/yy)
7X20A00HEA	ThinkSystem D2 Enclosure	EET, MEA, RUCIS, WE	4x PCIe x16	None	2x 1600W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A004EA	ThinkSystem D2 Enclosure	EET, MEA, RUCIS, WE	8x PCIe x8	None	2x 1600W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A005EA	ThinkSystem D2 Enclosure	EET, MEA, RUCIS, WE	8x PCIe x8	None	2x 2000W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A006EA	ThinkSystem D2 Enclosure	EET, MEA, RUCIS, WE	4x PCIe x16	None	2x 1100W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00AEA	ThinkSystem D2 Enclosure	EET, MEA, RUCIS, WE	4x PCIe x16	None	2x 2000W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00CEA	ThinkSystem D2 Enclosure	EET, MEA, RUCIS, WE	8x PCIe x8	None	2x 1100W Platinum	2x 2.8m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17

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ThinkSystem D2 Enclosure - Non TopSeller - HTK

Product Specifications Reference (PSREF)

Model	Product	Region	I/O Shuttle	External I/O Module	Power Supply	Power cords	Rail Kit	CMA	Warranty	Ann Date (mm/yy)
7X20A00BCN	ThinkSystem D2 Enclosure	HTK	8x PCIe x8	8x 10GbE SFP+	2x 1600W Platinum	2x 2.8m C13-C14	D2 Slide Rail	None	3-year, Onsite	07/17

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ThinkSystem D2 Enclosure - Non TopSeller - INDIA

Product Specifications Reference (PSREF)

Model	Product	Region	I/O Shuttle	External I/O Module	Power Supply	Power cords	Rail Kit	CMA	Warranty	Ann Date (mm/yy)
7X20A00KSG	ThinkSystem D2 Enclosure	INDIA	4x PCIe x16	None	2x 1100W Platinum	2x 2.8m C13-C14, 2x 2.8m IS6538	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00LSG	ThinkSystem D2 Enclosure	INDIA	8x PCIe x8	None	2x 2000W Platinum	2x 2.8m C13-C14, 2x 2.8m IS6538	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00MSG	ThinkSystem D2 Enclosure	INDIA	8x PCIe x8	None	2x 1600W Platinum	2x 2.8m C13-C14, 2x 2.8m IS6538	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00NSG	ThinkSystem D2 Enclosure	INDIA	8x PCIe x8	None	2x 1100W Platinum	2x 2.8m C13-C14, 2x 2.8m IS6538	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00PSG	ThinkSystem D2 Enclosure	INDIA	4x PCIe x16	None	2x 2000W Platinum	2x 2.8m C13-C14, 2x 2.8m IS6538	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00QSG	ThinkSystem D2 Enclosure	INDIA	4x PCIe x16	None	2x 1600W Platinum	2x 2.8m C13-C14, 2x 2.8m IS6538	D2 Slide Rail	CMA	3-year, Onsite	07/17

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ThinkSystem D2 Enclosure - Non TopSeller - JAPAN

Product Specifications Reference (PSREF)

Model	Product	Region	I/O Shuttle	External I/O Module	Power Supply	Power cords	Rail Kit	CMA	Warranty	Ann Date (mm/yy)
7X20A007JP	ThinkSystem D2 Enclosure	JAPAN	8x PCIe x8	8x 10GbE RJ-45	2x 2000W Platinum	2x 1.0m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A008JP	ThinkSystem D2 Enclosure	JAPAN	8x PCIe x8	8x 10GbE SFP+	2x 2000W Platinum	2x 1.0m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A009JP	ThinkSystem D2 Enclosure	JAPAN	4x PCIe x16	8x 10GbE SFP+	2x 2000W Platinum	2x 1.0m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17
7X20A00DJP	ThinkSystem D2 Enclosure	JAPAN	4x PCIe x16	8x 10GbE RJ-45	2x 2000W Platinum	2x 1.0m C13-C14	D2 Slide Rail	CMA	3-year, Onsite	07/17

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ThinkSystem D2 Enclosure - Non TopSeller - NA

Product Specifications Reference (PSREF)

Model	Product	Region	I/O Shuttle	External I/O Module	Power Supply	Power cords	Rail Kit	CMA	Warranty	Ann Date (mm/yy)
7X20A002NA	ThinkSystem D2 Enclosure	NA	8x PCIe x8	8x 10GbE RJ-45	2x 2000W Platinum	2x 1.0m C13-C14	D2 Slide Rail	None	3-year, Onsite	07/17
7X20A003NA	ThinkSystem D2 Enclosure	NA	4x PCIe x16	8x 10GbE SFP+	2x 2000W Platinum	2x 1.0m C13-C14	D2 Slide Rail	None	3-year, Onsite	07/17
7X20A00RNA	ThinkSystem D2 Enclosure	NA	4x PCIe x16	8x 10GbE SFP+	2x 2000W Platinum	2x 2.0m C13-C14	D2 Slide Rail	None	3-year, Onsite	07/17
7X20A00JNA	ThinkSystem D2 Enclosure	NA	4x PCIe x16	8x 10GbE RJ-45	2x 2000W Platinum	2x 1.0m C13-C14	D2 Slide Rail	None	3-year, Onsite	07/17

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ThinkSystem SD530 Platform Specifications

Components	Specification
Form factor	Half-wide, 1U compute node
Dimensions	Height: 41 mm (1.7 in). Width: 222 mm (8.8 in). Depth: 562 mm (22.2 in)
Chassis support	ThinkSystem D2 Enclosure. 2U. Up to 4 ThinkSystem SD530 servers per enclosure
Weight	Maximum configuration: 16.6 lb (7.5 kg)
Processor	Up to two 165W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 28 cores at 2.1GHz, up to 3.6GHz with 4 cores. Up to two UPI (Ultra Path Interconnect) links at maximum 10.4GT/s each
Chipset	Intel C624 Platform Controller Hub
Memory	Up to 12 or 16 DIMM sockets depending on the processor selected. Each processor supports up to 6 or 8 DIMM sockets. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types cannot be intermixed.
Memory capacity	16 DIMMs models: RDIMMs: Up to 512GB with 16x 32GB RDIMMs and two processors LRDIMMs: Up to 1TB with 16x 64GB LRDIMMs and two processors 12 DIMMs models: RDIMMs: Up to 384GB with 12x 32GB RDIMMs and two processors LRDIMMs: Up to 768GB with 12x 64GB LRDIMMs and two processors
Memory protection	ECC, Chipkill protection (for x4-based memory DIMMs), memory mirroring, and memory sparing
Storage controllers	Supports the following RAID adapters:
Disk drive bays	Up to four 2.5" hot-swap disk bays, or up to six 2.5" hot-swap disk bays, or up to six 2.5" hot-swap disk bays with two AnyBay. SAS support requires 530-8i. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring
Internal storage	
Network interfaces	Two 10 GbE ports, SFP+ or RJ-45, routed through the Ethernet I/O Module at the rear of the D2 Enclosure. Networking ports are based on Intel Ethernet Connection X722 in chipset
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 and 2.0 compliant. Optional TCM, China only
Operating systems supported	Microsoft Windows Server 2016, 2012 R2, Red Hat Enterprise Linux 6 and 7 x64, SUSE Linux Enterprise Server 11 and 12 x64, VMware ESXi 6.0 and 6.5
Systems management	Operator panel with system error LED and ID and power controls. XClarity Controller embedded management, XClarity Administrator centralized infrastructure delivery, XClarity Integrator plugins, and XClarity Energy Manager centralized server power management. Optional XClarity Controller Advanced to enable remote control functions. System Management Module (SMM) in the D2 Enclosure provides additional systemsmanagement functions
GPU support	None
Base warranty	MT 7X21: 3-year limited onsite service with 9x5/NBD
Power supply	Supplied by D2 Enclosure
Video	Integrated Matrox G200 in XClarity Controller
Front ports	Optional KVM breakout module for one USB 3.0 and one console breakout cable port for local KVM and serial ports. KVM breakout module will ocuppy one disk bay on 6x 2.5" disk bay model

Adapter	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath
Onboard Intel RSTe	6Gbps SATA	SATA	0/1/10/5	Yes	None	None	No
530-8i	12Gbps SAS	SATA/SAS	0/1/10/5	Yes	None	None	Yes

2.5" NVMe SSD	800GB/960GB/1.6TB/1.92TB
2.5" HDD, SATA6Gbps, 7,2K	1TB/2TB
2.5" HDD, SAS12Gbps, 7,2K	2TB
2.5" HDD, SAS12Gbps, 7,2K, SED	1TB/2TB
2.5" HDD, SAS12Gbps, 15K	300GB/600GB/900GB
2.5" HDD, SAS12Gbps, 10K	300GB/600GB/900GB/1.2TB/1.8TB/2.4TB
2.5" HDD, SAS12Gbps, 10K, SED	2.4TB
2.5" SSD, SATA6Gbps	240GB/480GB/960GB/1.92TB/3.84TB
2.5" SSD, SAS12Gbps	400GB/800GB/1.6TB/3.84TB/7.68TB/15.36TB
M.2 SATA SSD	32GB/128GB

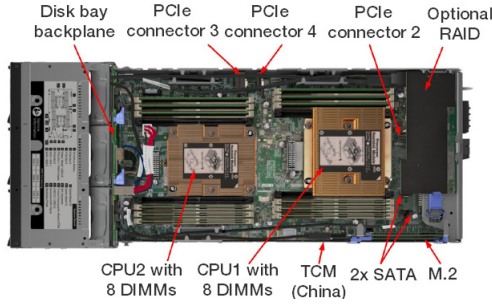
Components	Specification
Environmental specification	Supports ASHRAE A4 with limitations.

Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)
Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)
Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:20%~80%
Humidity - storage (with package), non-condensing	8%~90%

Models should meet the following requirements to support A3 and A4:
- *NVMe drives not installed*
- *M.2 drives not installed*

Expansion slots

Supports one PCIe 3.0 x16 low-profile slot, or two PCIe 3.0 x8 low-profile slots.
Slots are housed in I/O shuttle in rear of the D2 Enclosure



Backplane and memory DIMM sockets supports by processor

Maxium DIMM Sockets	12 DIMMs		16 DIMMs	
Backplane	2x2	2x3	2x2	2x3
Xeon Bronze 3104	Yes	Yes	Yes	No
Xeon Bronze 3106	Yes	Yes	Yes	No
Xeon Silver 4108	Yes	Yes	Yes	No
Xeon Silver 4109T	Yes	No	No	No
Xeon Silver 4110	Yes	Yes	Yes	No
Xeon Silver 4112	Yes	Yes	Yes	No
Xeon Silver 4114	Yes	Yes	Yes	No
Xeon Silver 4116	Yes	Yes	Yes	No
Xeon Gold 5115	Yes	Yes	Yes	No
Xeon Gold 5118	Yes	Yes	Yes	No
Xeon Gold 5120	Yes	Yes	Yes	No
Xeon Gold 5120T	Yes	No	No	No
Xeon Gold 5122	Yes	No	No	No
Xeon Gold 6126	Yes	Yes	No	No
Xeon Gold 6130	Yes	Yes	Yes	No
Xeon Gold 6130T	Yes	No	No	No
Xeon Gold 6134	Yes	No	No	No
Xeon Gold 6136	Yes	No	No	No
Xeon Gold 6138	Yes	Yes	No	No
Xeon Gold 6138T	Yes	No	No	No
Xeon Gold 6140	Yes	Yes	No	No
Xeon Gold 6142	Yes	No	No	No
Xeon Gold 6148	Yes	No	No	No
Xeon Gold 6150	Yes	No	No	No
Xeon Gold 6152	Yes	Yes	No	No
Xeon Platinum 8153	Yes	Yes	Yes	No
Xeon Platinum 8156	Yes	No	No	No
Xeon Platinum 8158	Yes	No	No	No
Xeon Platinum 8160	Yes	No	No	No
Xeon Platinum 8164	Yes	No	No	No
Xeon Platinum 8170	Yes	No	No	No
Xeon Platinum 8176	Yes	No	No	No

Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A039EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Enterprise	3-year, Onsite	09/17
7X21A03AEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Enterprise	3-year, Onsite	09/17
7X21A03BEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Enterprise	3-year, Onsite	09/17
7X21A03CEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Enterprise	3-year, Onsite	09/17
7X21A03DEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Enterprise	3-year, Onsite	09/17
7X21A03EEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Enterprise	3-year, Onsite	09/17
7X21A03FEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Enterprise	3-year, Onsite	09/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A01VAU	ThinkSystem SD530	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01ZAU	ThinkSystem SD530	ANZ	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A020AU	ThinkSystem SD530	ANZ	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A021AU	ThinkSystem SD530	ANZ	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A022AU	ThinkSystem SD530	ANZ	2x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A023AU	ThinkSystem SD530	ANZ	2x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A024AU	ThinkSystem SD530	ANZ	2x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A025AU	ThinkSystem SD530	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A026AU	ThinkSystem SD530	ANZ	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02AAU	ThinkSystem SD530	ANZ	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02BAU	ThinkSystem SD530	ANZ	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02DAU	ThinkSystem SD530	ANZ	2x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02FAU	ThinkSystem SD530	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02HAU	ThinkSystem SD530	ANZ	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02JAU	ThinkSystem SD530	ANZ	2x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A02KAU	ThinkSystem SD530	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02LAU	ThinkSystem SD530	ANZ	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02NAU	ThinkSystem SD530	ANZ	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02PAU	ThinkSystem SD530	ANZ	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17

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ThinkSystem SD530 - Non TopSeller - ASEAN

Product Specifications Reference (PSREF)

Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A004SG	ThinkSystem SD530	ASEAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A006SG	ThinkSystem SD530	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A008SG	ThinkSystem SD530	ASEAN	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00HSG	ThinkSystem SD530	ASEAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00DSG	ThinkSystem SD530	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00NSG	ThinkSystem SD530	ASEAN	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A011SG	ThinkSystem SD530	ASEAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A016SG	ThinkSystem SD530	ASEAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A02QBR	ThinkSystem SD530	Brazil	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02RBR	ThinkSystem SD530	Brazil	2x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02SBR	ThinkSystem SD530	Brazil	2x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02TBR	ThinkSystem SD530	Brazil	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02UBR	ThinkSystem SD530	Brazil	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02VBR	ThinkSystem SD530	Brazil	2x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02WBR	ThinkSystem SD530	Brazil	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02XBR	ThinkSystem SD530	Brazil	2x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02YBR	ThinkSystem SD530	Brazil	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A02ZBR	ThinkSystem SD530	Brazil	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A030BR	ThinkSystem SD530	Brazil	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A031BR	ThinkSystem SD530	Brazil	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A032BR	ThinkSystem SD530	Brazil	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A033BR	ThinkSystem SD530	Brazil	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A034BR	ThinkSystem SD530	Brazil	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A035BR	ThinkSystem SD530	Brazil	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A018EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A019EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A013EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A014EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A003EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A010EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00REA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00SEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00TEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00WEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00YEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01BEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01CEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01DEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01EEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A00GEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00JEA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A007EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A005EA	ThinkSystem SD530	EET, MEA, RUCIS, WE	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A01FCN	ThinkSystem SD530	HTK	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01GCN	ThinkSystem SD530	HTK	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01HCN	ThinkSystem SD530	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01JCN	ThinkSystem SD530	HTK	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01KCN	ThinkSystem SD530	HTK	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01LCN	ThinkSystem SD530	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01MCN	ThinkSystem SD530	HTK	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01NCN	ThinkSystem SD530	HTK	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01PCN	ThinkSystem SD530	HTK	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01QCN	ThinkSystem SD530	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01RCN	ThinkSystem SD530	HTK	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01SCN	ThinkSystem SD530	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01TCN	ThinkSystem SD530	HTK	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17

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ThinkSystem SD530 - Non TopSeller - INDIA

Product Specifications Reference (PSREF)

Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A015SG	ThinkSystem SD530	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A009SG	ThinkSystem SD530	INDIA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00KSG	ThinkSystem SD530	INDIA	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00LSG	ThinkSystem SD530	INDIA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00MSG	ThinkSystem SD530	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00PSG	ThinkSystem SD530	INDIA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00QSG	ThinkSystem SD530	INDIA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A01ASG	ThinkSystem SD530	INDIA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17

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ThinkSystem SD530 - Non TopSeller - JAPAN

Product Specifications Reference (PSREF)

Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A036JP	ThinkSystem SD530	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	07/17
7X21A00AJP	ThinkSystem SD530	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00CJP	ThinkSystem SD530	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00UJP	ThinkSystem SD530	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	Onboard SATA	5x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	07/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X211003LA	ThinkSystem SD530	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X211004LA	ThinkSystem SD530	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X211005LA	ThinkSystem SD530	LA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X211006LA	ThinkSystem SD530	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X211007LA	ThinkSystem SD530	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X211008LA	ThinkSystem SD530	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X211009LA	ThinkSystem SD530	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21100ALA	ThinkSystem SD530	LA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21100BLA	ThinkSystem SD530	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21100CLA	ThinkSystem SD530	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21100DLA	ThinkSystem SD530	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X21100ELA	ThinkSystem SD530	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X21100FLA	ThinkSystem SD530	LA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X21100GLA	ThinkSystem SD530	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17
7X21100HLA	ThinkSystem SD530	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	6x 2.5" SATA/SAS HS	None	None	None	XClarity Standard	3-year, Onsite	09/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21100JLA	ThinkSystem SD530	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21100KLA	ThinkSystem SD530	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21100LLA	ThinkSystem SD530	LA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21100MLA	ThinkSystem SD530	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21100NLA	ThinkSystem SD530	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	1x 530-8i	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	09/17
7X21A038LA	ThinkSystem SD530	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666	Onboard SATA	4x 2.5" SATA/SAS HS	None	KVM Breakout Module with Cable	None	XClarity Standard	3-year, Onsite	08/17

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Model	Product	Region	Processor	Memory	Storage Controller	DiskBays	Disks	KVM Breakout Module	M.2 Drives	System Management	Warranty	Ann Date (mm/yy)
7X21A00VNA	ThinkSystem SD530	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00ZNA	ThinkSystem SD530	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A00XNA	ThinkSystem SD530	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A017NA	ThinkSystem SD530	NA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17
7X21A012NA	ThinkSystem SD530	NA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666	Onboard SATA	6x 2.5" HS (4 SATA/SAS, 2 AnyBay)	None	None	None	XClarity Standard	3-year, Onsite	07/17

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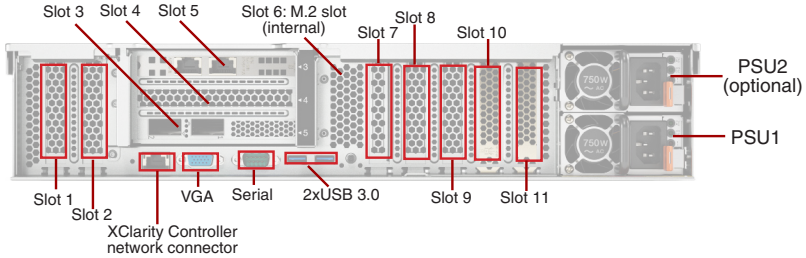
ThinkSystem SR850 Platform Specifications

Components	Specification
Form factor	2U rack
Dimensions	Height: 86.5 mm (3.4 in). Width: 482 mm (19.0 in) with rack latches. Depth: 763.7 mm (30.1 in) without security bezel
Weight	Maximum configuration: 59.52 lb (27 kg)
Processor	Supports up to four 165W Intel Xeon Scalable family processors, Gold or Platinum. 2 processor sockets on system board, 2 processor sockets on optional processor and memory expansion tray. Up to 28 cores at 2.1GHz, up to 3.6GHz with 4 cores. Four processors are connected in ring topology with two 10.4GT/s UPI (Ultra Path Interconnect)
Chipset	Intel C624 Platform Controller Hub
Memory	Up to 48 DIMM sockets. 24 DIMM sockets on system main board, 24 DIMM sockets on optional processor and memory expansion tray. Each processor supports up to 12 DIMM sockets with 6 channels. DDR4-2666. RDIMMs, LRDIMMs, 3DS RDIMMs are supported, but memory types cannot be intermixed. 3DS RDIMM is planned to available later
Memory capacity	Up to 1.5TB with 48 x 32GB RDIMMs and four processors. Or up to 3TB with 48 x 64GB LRDIMMs and four processors. Or up to 6TB with 48 x 128GB 3DS RDIMMs and four -M suffix processors. Or up to 3TB with 24 x 128GB 3DS RDIMMs and four non -M suffix processors. -M suffix processor supports 1.5TB memory per socket, non -M suffix processor supports 768GB memory per socket
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	Supports the following RAID/HBA adapters: Feature / Interface / Drive type / RAID levels / JBOD / Cache / Cache protection / FastPath / Max qty 530-8i / 12Gbps SAS / SATA/SAS / 0/1/10/5/50 / Yes / None / None / Yes / 2 730-8i / 12Gbps SAS / SATA/SAS / 0/1/10/5/50 / Yes / 1GB / None / No / 2 930-8i / 12Gbps SAS / SATA/SAS / 0/1/10/5/50/6/60 / Yes / 2GB / Flash backup / Yes / 2 930-16i / 12Gbps SAS / SATA/SAS / 0/1/10/5/50/6/60 / Yes / 4GB / Flash backup / Yes / 1 430-8i / 12Gbps SAS / SATA/SAS / - / Yes / None / None / - / 2 430-16i / 12Gbps SAS / SATA/SAS / - / Yes / None / None / - / 1 930-8e / 12Gbps SAS / SATA/SAS / 0/1/10/5/50/6/60 / Yes / 4GB / Flash backup / Yes / 4 430-8e / 12Gbps SAS / SATA/SAS / - / Yes / None / None / - / 8 430-16e / 12Gbps SAS / SATA/SAS / - / Yes / None / None / - / 8 *Note: 730-8i is available in China only*
Disk drive bays	Supports 8 front 2.5" SATA/SAS HS bays with maximum 4 AnyBay, or 16 front 2.5" SATA/SAS HS bays with maximum 8 AnyBay Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring
Internal storage	2.5" HDD, SAS12Gbps, 7.2K: 1TB/2TB 2.5" HDD, SAS12Gbps, 10K: 300GB/300GB SED/600GB/600GB SED/900GB/1.2TB/1.8TB 2.5" HDD, SAS12Gbps, 15K: 300GB/600GB/900GB 2.5" SSD, SAS12Gbps: 400GB/800GB/3.84TB/7.68TB 2.5" SSD, SATA6Gbps: 240GB/480GB 2.5" NVMe SSD, AnyBay: 800GB/960GB/1.6TB/1.92TB/3.84TB NVMe SSD, PCIe 3.0 x4, HHHL adapter: 1.6TB/1.92TB/3.2TB/3.84TB M.2 SATA SSD for boot: 32GB/128GB/480GB
Optical	No internal optical bay. Optional USB DVD±RW optical drive
Network interfaces	One dedicated management port. One LOM slot for customized LOM with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on one port of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot.
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware vSphere (ESXi) 6.5/6.0 U3
Systems management	XClarity Controller Advanced, optional upgrades to Enterprise is available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Light Path Diagnostics with optional LCD diagnostic pull-out panel
GPU support	None
Base warranty	MT 7X18: 1-year limited onsite service with 9x5/NBD MT 7X19: 3-year limited onsite service with 9x5/NBD
Power supply	Up to two redundant hot-swap 750W/1100W/1600W 80 PLUS Platinum qualified AC power supplies. 1600W Platinum are 200V - 240V, others are 100V - 240V

Components	Specification
Video	Integrated Matrox G200 in XClarity Controller
Cooling	Six hot-swap fans, N + 1 redundancy
Front ports	One XClarity Controller USB connector, one USB 2.0 or USB 3.0 (model dependent), one optional VGA
Rear ports	One VGA, two USB 3.0, one serial, one XClarity Controller network connector
Environmental specification	Supports ASHRAE A4 with limitations. Temperature - operating: A4: 5°C to 45°C (41°F to 113°F); A3: 5°C to 40°C (41°F to 104°F); A2: 10°C to 35°C (50°F to 95°F) Temperature - non operating (no package): -10°C to 60°C (14°F to 140°F) Temperature - non operating (with package): -40°C to 70°C (-40°F to 158°F) Altitude - operating: (Unpressurized): 0-10000ft (0-3048m) Humidity - operating, non-condensing: A4: 8%~90%. A3:8%~85%. A2:20%~80% Humidity - storage (with package), non-condensing: 8%~90% *Models should meet the following requirements to support A3 and A4:* • *NVMe drives not installed* • *PCIe flash adapter not installed* • *M.2 SSD not installed*
Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Note: All riser cards, expansion cards, and LOM adapters are optional. Slots are labelled as 1, 2, 3, 4, 5, 7, 8, 9, 10, 11. Slot 6 is internal M.2 slot for optional M.2 enablement kit

Expansion slots

Slot 1 (onboard)	PCIe 3.0 x16, low profile, requires 2nd CPU
Slot 2 (onboard)	PCIe 3.0 x8, low profile, requires 2nd CPU
Slot 3-5 (riser card)	Supports one of the following for riser card: Option 1: PCIe 3.0 x8/x8/x8 (slot 3-5). Full height, half length. Option 2: PCIe 3.0 x8/x8/x8 ML2 (slot 3-5). Full height, half length Option 4: PCIe 3.0 x8/x16 ML2 (slot 3 and 5). Full height, half length Slot 3 - 5 requires 2nd CPU
Slot 7 (onboard)	LOM, low profile
Slot 8 (onboard)	PCIe 3.0 x8, low profile
Slot 9 (onboard)	PCIe 3.0 x8, low profile
Slot 10 (onboard)	PCIe 3.0 x8, low profile
Slot 11 (onboard)	PCIe 3.0 x16, low profile

System unique options for ThinkSystem SR850

7B27A03953	ThinkSystem SR850/SR860 Processor and Memory Expansion Tray
7C57A03999	ThinkSystem SR850/SR860 2.5" Anybay 8-Bay BP Kit
7C57A03998	ThinkSystem SR850/SR860 2.5" SATA/SAS 8-Bay BP Kit
7X97A03954	ThinkSystem SR850 Front VGA Connector Upgrade Kit
7C57A03950	ThinkSystem SR850/SR860 x8/x8/x8 PCIe FH Riser Kit
7C57A03951	ThinkSystem SR850/SR860 x8/x8/x8ML2 PCIe FH Riser Kit
7C57A03952	ThinkSystem SR850/SR860 x8/x16ML2 PCIe FH Riser Kit

Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A003AU	ANZ	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 8GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A009AU	ANZ	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A00DAU	ANZ	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A00MAU	ANZ	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1600W Platinum	3-year	07/17
7X19A00NAU	ANZ	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A00PAU	ANZ	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1600W Platinum	3-year	07/17
7X19A010AU	ANZ	2x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01AAU	ANZ	2x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01DAU	ANZ	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01GAU	ANZ	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A01MAU	ANZ	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01VAU	ANZ	2x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01ZAU	ANZ	2x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A025AU	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A029AU	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A02CAU	ANZ	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A02BSG	ASEAN	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01JSG	ASEAN	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2x 32GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1600W Platinum	3-year	07/17
7X19A01BSG	ASEAN	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1600W Platinum	3-year	07/17
7X19A017SG	ASEAN	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A00QSG	ASEAN	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A00VSG	ASEAN	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 32GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1600W Platinum	3-year	07/17
7X19A00XSG	ASEAN	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 32GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A012SG	ASEAN	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A00GSG	ASEAN	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A02GEA	EMEA	4x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A02HEA	EMEA	4x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A02JEA	EMEA	4x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A02KEA	EMEA	4x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A02LEA	EMEA	4x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A02MEA	EMEA	4x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A02NEA	EMEA	4x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A02PEA	EMEA	4x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A02QEA	EMEA	4x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A02REA	EMEA	4x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A02SEA	EMEA	4x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A02TEA	EMEA	4x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A02UEA	EMEA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A02DCN	HTK	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A00ECN	HTK	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A00FCN	HTK	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A00BCN	HTK	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A00CCN	HTK	2x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A007CN	HTK	2x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A004CN	HTK	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A00ZCN	HTK	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A00RCN	HTK	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A011CN	HTK	2x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A01PCN	HTK	2x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A02ACN	HTK	2x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A024CN	HTK	2x Xeon Platinum 8156 4C/3.6GHz/16.5MB/105W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A026CN	HTK	2x Xeon Platinum 8158 12C/3.0GHz/24.75MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A027CN	HTK	2x Xeon Gold 5120T 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A021CN	HTK	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	2x 930-8i 2GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A022CN	HTK	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A01WCN	HTK	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A01RCN	HTK	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A01TCN	HTK	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-16i 4GB Flash	16x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	None	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A023SG	INDIA	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 8GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A020SG	INDIA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	Front VGA	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A028SG	INDIA	2x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A016SG	INDIA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A01QSG	INDIA	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01NSG	INDIA	2x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01KSG	INDIA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A01HSG	INDIA	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A01ESG	INDIA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A01FSG	INDIA	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A002SG	INDIA	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A013SG	INDIA	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Basic	USB 2.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A005SG	INDIA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 530-8i	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	Front VGA	Basic	USB 3.0	TPM 1.2	XClarity Advanced	1x 750W Platinum	3-year	07/17
7X19A006SG	INDIA	2x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A00ASG	INDIA	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A00HSG	INDIA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1600W Platinum	3-year	07/17
7X19A00KSG	INDIA	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1600W Platinum	3-year	07/17
7X19A00LSG	INDIA	2x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4xGbE RJ-45 LOM	2x LP x16/4x LP x8	None	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A01UJP	JAPAN	2x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4x10GbE RJ-45 LOM	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	1x 1100W Platinum	3-year	07/17
7X19A02EJP	JAPAN	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4x10GbE SFP+ LOM	2x LP x16/4x LP x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	1x 1600W Platinum	3-year	07/17
7X19A02FJP	JAPAN	2x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	4x10GbE SFP+ LOM	2x LP x16/4x LP x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	1x 1600W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A032LA	LA	2x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	12x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X19A033LA	LA	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	12x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X19A037LA	LA	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	12x 16GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X19A03ALA	LA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	12x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X19A03BLA	LA	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	12x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X19A03CLA	LA	2x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	12x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X19A03ELA	LA	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	12x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X19A03FLA	LA	4x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	16x 32GB RDIMM DDR4-2666	2x FC dual-port HBA + 1x 930-16i 4GB Flash	16x 2.5" HS (12 SATA/SAS, 4 AnyBay)	Open	None	4xGbE RJ-45 LOM/2x 2x10GbE SFP+ PCIe	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A03GLA	LA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	16x 32GB RDIMM DDR4-2666	2x FC dual-port HBA + 1x 930-16i 4GB Flash	16x 2.5" HS (12 SATA/SAS, 4 AnyBay)	Open	None	4xGbE RJ-45 LOM/2x 2x10GbE SFP+ PCIe	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A03HLA	LA	4x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	32x 16GB RDIMM DDR4-2666	2x FC dual-port HBA + 1x 930-16i 4GB Flash	16x 2.5" HS (12 SATA/SAS, 4 AnyBay)	Open	None	4xGbE RJ-45 LOM/2x 2x10GbE SFP+ PCIe	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A03JLA	LA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	32x 16GB RDIMM DDR4-2666	2x FC dual-port HBA + 1x 930-16i 4GB Flash	16x 2.5" HS (12 SATA/SAS, 4 AnyBay)	Open	None	4xGbE RJ-45 LOM/2x 2x10GbE SFP+ PCIe	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 3.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A01YNA	NA	4x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A01CNA	NA	4x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A018NA	NA	4x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A019NA	NA	4x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A01LNA	NA	4x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A00JNA	NA	4x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A008NA	NA	4x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A014NA	NA	4x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A015NA	NA	4x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A00YNA	NA	4x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Networking (LOM/ML2/PCIe)	Available PCIe Slots	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X19A00SNA	NA	4x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17
7X19A00TNA	NA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1600W Platinum	3-year	07/17
7X19A00UNA	NA	4x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	4x 32GB RDIMM DDR4-2666	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	None	2x LP x16/4x LP x8/3x FHHL x8	Front VGA	Pull-out LCD	USB 2.0	TPM 1.2	XClarity Advanced	2x 1100W Platinum	3-year	07/17

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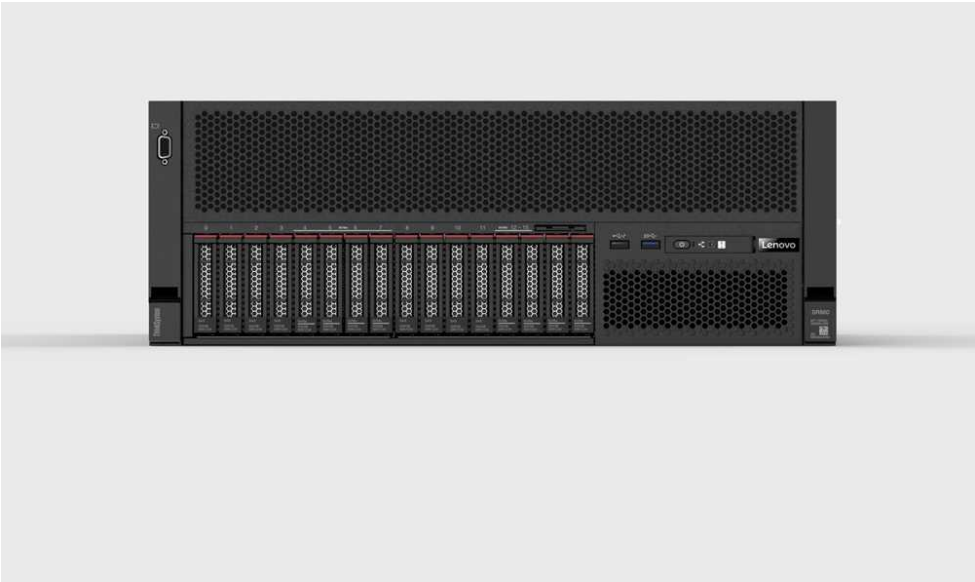

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ThinkSystem SR860 Platform Specifications

Components	Specification
Form factor	4U rack
Dimensions	Height: 175 mm (6.9 in). Width: 482 mm (19.0 in) with rack latches. Depth: 765.88 mm (30.15 in) without security bezel
Weight	Maximum configuration: 87.74 lb (39.8 kg)
Processor	Supports up to four 165W Intel Xeon Scalable family processors, Gold or Platinum. 2 processor sockets on system board, 2 processor sockets on optional processor and memory expansion tray. Up to 28 cores at 2.1GHz, up to 3.6GHz with 4 cores. Four processors are connected in ring topology with two 10.4GT/s UPI (Ultra Path Interconnect) per processor
Chipset	Intel C624 Platform Controller Hub
Memory	Up to 48 DIMM sockets. 24 DIMM sockets on system main board, 24 DIMM sockets on optional processor and memory expansion tray. Each processor supports up to 12 DIMM sockets with 6 channels. DDR4-2666. RDIMMs, LRDIMMs, 3DS RDIMMs are supported, but memory types cannot be intermixed. 3DS RDIMM is planned to available later
Memory capacity	Up to 1.5TB with 48 x 32GB RDIMMs and four processors. Or up to 3TB with 48 x 64GB LRDIMMs and four processors. Or up to 6TB with 48 x 128GB 3DS RDIMMs and four -M suffix processors. Or up to 3TB with 24 x 128GB 3DS RDIMMs and four non -M suffix processors. -M suffix processor supports 1.5TB memory per socket, non -M suffix processor supports 768GB memory per socket
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	Supports the following RAID/HBA adapters:

Feature	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath	Max qty
530-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50	Yes	None	None	Yes	2
730-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50	Yes	1GB	None	No	2
930-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	2GB	Flash backup	Yes	2
930-16i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
430-8i	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	2
430-16i	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	1
930-8e	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	4
430-8e	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	10
430-16e	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	10

Note: 730-8i is available in China only

Disk drive bays	Supports 8 front 2.5" SATA/SAS HS bays with maximum 4 AnyBay, or 16 front 2.5" SATA/SAS HS bays with maximum 8 AnyBay Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring

Internal storage	
2.5" HDD, SATA6Gbps, 7.2K	1TB/2TB
2.5" HDD, SAS12Gbps, 7.2K	1TB/2TB
2.5" HDD, SAS12Gbps, 10K	300GB/300GB SED/600GB/600GB SED/900GB/1.2TB/1.8TB
2.5" HDD, SAS12Gbps, 15K	300GB/600GB/900GB
2.5" SSD, SAS12Gbps	400GB/800GB/3.84TB/7.68TB
2.5" SSD, SATA6Gbps	240GB/480GB
2.5" NVMe SSD, AnyBay	800GB/960GB/1.6TB/1.92TB/3.84TB
NVMe SSD, PCIe 3.0 x4, HHHL adapter	1.6TB/1.92TB/3.2TB/3.84TB, up to 10
M.2 SATA SSD for boot	32GB/128GB/480GB

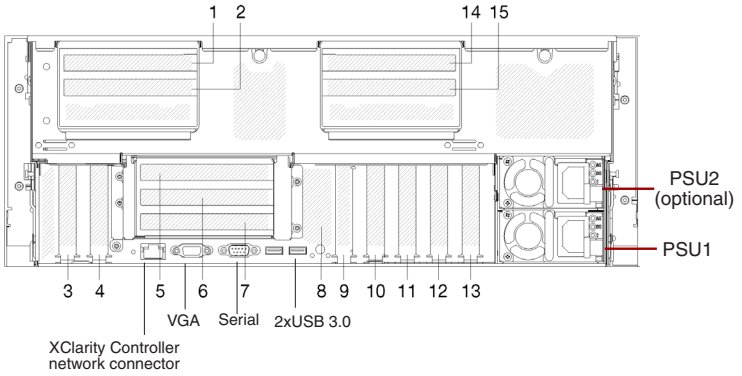
Optical	No internal optical bay. Optional USB DVD±RW optical drive
Network interfaces	One dedicated management port. One LOM slot for customized LOM with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on one port of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot.
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.4/6.9. SUSE Linux Enterprise Server 12 SP3/11 SP4. VMware ESXi 6.5 U1/6.0 U3
Systems management	XClarity Controller Advanced, optional upgrades to Enterprise is available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Light Path Diagnostics with optional LCD diagnostic pull-out panel
GPU support	Up to two NVIDIA Tesla M60 GPU accelerator, 300W each
Base warranty	MT 7X69: 3-year limited onsite service with 9x5/NBD MT 7X70: 1-year limited onsite service with 9x5/NBD
Power supply	Up to two redundant hot-swap 750W/1100W/1600W/2000W 80 PLUS Platinum qualified AC power supplies. 1600W and 2000W are 200V - 240V, others are 100V - 240V
Video	Integrated Matrox G200 in XClarity Controller

Components	Specification
Cooling	Six hot-swap fans, N + 1 redundancy
Front ports	One XClarity Controller USB connector, one USB 2.0 or USB 3.0 (model dependent), one VGA
Rear ports	One VGA, two USB 3.0, one serial, one XClarity Controller network connector
Environmental specification	Supports ASHRAE A4 with limitations.

Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)
Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)
Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:8%~80%
Humidity - storage (with package), non-condensing	8%~90%

Models should meet the following requirements to support A3 and A4:
- *Two PSU installed*
- *NVMe drives not installed*
- *PCIe flash adapter not installed*
- *GPU not installed*

Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Expansion slots

Up to 13 PCIe slots with one LOM slot and one M.2 slot

Slot 1-2 (riser card 2)	One PCIe 3.0 x16 for GPU or two PCIe 3.0 x8, full height, full length
Slot 3 (onboard)	PCIe 3.0 x16, for riser card 2 or used as a low profile slot if riser card 2 not used
Slot 4 (onboard)	PCIe 3.0 x8, low profile
Slot 5-7 (riser card 1)	Supports one of the following for riser card: Option 1: PCIe 3.0 x8/x8/x8 (slot 5-7). Full height, half length Option 2: PCIe 3.0 x8/x8/x8 ML2 (slot 5-7). Full height, half length Option 4: PCIe 3.0 x8/x16 ML2 (slot 5 and 7). Full height, half length
Slot 8 (onboard)	M.2 slot for M.2 enablement kit, internal
Slot 9 (onboard)	LOM slot, low profile
Slot 10 -12(onboard)	PCIe 3.0 x8, low profile
Slot 13 (onboard)	PCIe 3.0 x16, for riser card 3 or used as a low profile slot if riser card 3 not used
Slot 14-15 (riser card 3)	One PCIe 3.0 x16 for GPU or two PCIe 3.0 x8, full height, full length, 4 CPU required

System unique options for ThinkSystem SR850

7B27A03953	ThinkSystem SR850/SR860 Processor and Memory Expansion Tray
7C57A03999	ThinkSystem SR850/SR860 2.5" Anybay 8-Bay BP Kit
7C57A03998	ThinkSystem SR850/SR860 2.5" SATA/SAS 8-Bay BP Kit
7C57A03950	ThinkSystem 2U x8/x8/x8 PCIE FH Riser 1
7C57A03951	ThinkSystem 2U x8/x8/x8ML2 PCIE FH Riser 1
7C57A03952	ThinkSystem 2U x8/x16ML2 PCIE FH Riser 1
4C57A08184	ThinkSystem SR860 2x8 PCIe FH Riser 2 (Slot 1 & 2)
4C57A08186	ThinkSystem SR860 1x16 PCIe FH Riser 2 (Slot 1)
4C57A08185	ThinkSystem SR860 2x8 PCIe FH Riser 3 (Slot 14 & 15)
4C57A08187	ThinkSystem SR860 1x16 PCIe FHFL Riser 3 (Slot 14)
00KG655	NVIDIA Tesla M60 GPU, PCIe (Passive)

Model	Product	Region	Processor	Memory	Storage Controller	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Card	Front VGA	Front Panel	Front USB	Security	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X69A001EA	ThinkSystem SR860	EMEA	4x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	None	None	1x Mgmt	None	4x PCIe x8 LP, 1x LOM	2x PCIe x16 FHFL, 3x PCIe x8 FHHL	None	Operator panel with LCD	1x XCC USB port, 1x USB 3.0	TPM 1.2	XClarity Enterprise	2x 2000W Platinum	3-year	11/17
7X69A002EA	ThinkSystem SR860	EMEA	4x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	None	None	1x Mgmt	None	4x PCIe x8 LP, 1x LOM	2x PCIe x16 FHFL, 3x PCIe x8 FHHL	None	Operator panel with LCD	1x XCC USB port, 1x USB 3.0	TPM 1.2	XClarity Enterprise	2x 2000W Platinum	3-year	11/17

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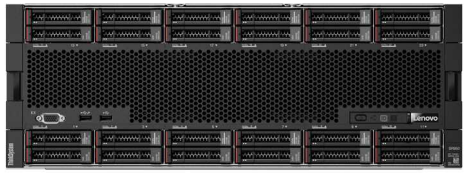

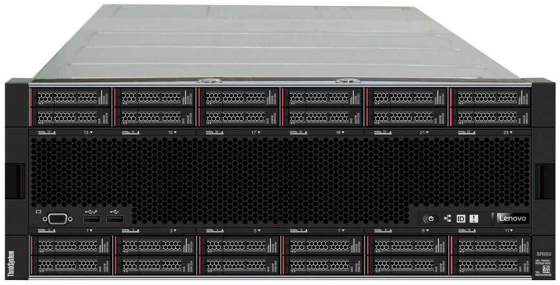

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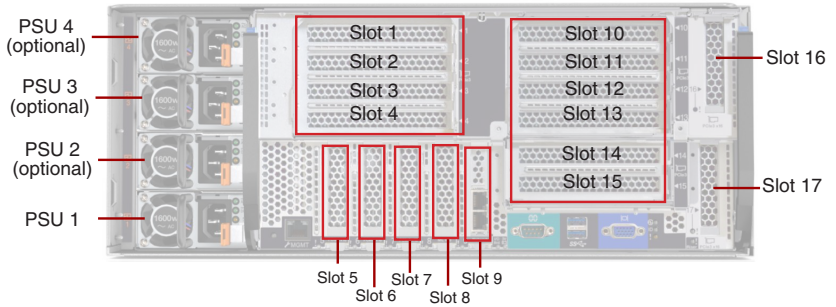
ThinkSystem SR950 Platform Specifications

Components	Specification
Form factor	4U rack
Dimensions	Height: 175.8 mm (6.9 in). Width: 483 mm (19.0 in) at EIA Flange. Depth: 853 mm (33.6 in)
Weight	Maximum configuration: 129.4 lb (58.7 kg)
Processor	Supports up to four Intel Xeon Scalable family processors, Gold or Platinum. Or up to eight Intel Xeon Scalable family processors, Platinum only. Processors and memory are located on system boards installed in compute trays: 2 processors per system board, 2 system boards per compute tray, up to 2 compute tray per system. Up to 28 cores at 2.5GHz, up to 3.6GHz with 4 cores. Up to three UPI (Ultra Path Interconnect) links at maximum 10.4GT/s each
Chipset	Intel C624 Platform Controller Hub
Memory	Up to 96 DIMM sockets. Each processor supports up to 12 DIMM sockets with 6 channels. DDR4-2666. RDIMMs, LRDIMMs, and 3DS RDIMMs are supported, but memory types cannot be intermixed.
Memory capacity	Up to 3TB with 96 x 32GB RDIMMs and eight processors. Or up to 6TB with 96 x 64GB LRDIMMs and eight processors. Or up to 12TB with 96 x 128GB 3DS RDIMMs and eight -M suffix processors. -M suffix processor supports 1.5TB memory per socket, non -M suffix processor supports 768GB memory per socket
Memory protection	ECC, memory mirroring, and memory rank sparing.
Storage controllers	Up to two dedicated internal RAID slots for most RAID/HBA adapters. Supports the following RAID/HBA adapters: Feature | Interface | Drive type | RAID levels | JBOD | Cache | Cache protection | FastPath | Max qty 530-8i | 12Gbps SAS | SATA/SAS | 0/1/10/5/50 | Yes | None | None | Yes | 2 730-8i | 12Gbps SAS | SATA/SAS | 0/1/10/5/50 | Yes | 1GB | None | No | 2 930-8i | 12Gbps SAS | SATA/SAS | 0/1/10/5/50/6/60 | Yes | 2GB | Flash backup | Yes | 2 930-16i | 12Gbps SAS | SATA/SAS | 0/1/10/5/50/6/60 | Yes | 4GB | Flash backup | Yes | 2 430-8i | 12Gbps SAS | SATA/SAS | - | Yes | None | None | - | 2 430-16i | 12Gbps SAS | SATA/SAS | - | Yes | None | None | - | 2 930-8e | 12Gbps SAS | SATA/SAS | 0/1/10/5/50/6/60 | Yes | 4GB | Flash backup | Yes | 4 430-8e | 12Gbps SAS | SATA/SAS | - | Yes | None | None | - | 14 *Note: 730-8i is available in China only. 930-8e should be placed in slot 7 firstly. 430-8e should be placed in slot 5 firstly.*
Disk drive bays	Up to 12 disk bays with maximum 6 AnyBay, or up to 24 disk bays with maximum 12 AnyBay. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring
Internal storage	2.5" NVMe SSD, AnyBay: 800GB/960GB/1.6TB/1.92TB/3.84TB 2.5" HDD, SAS12Gbps, 7,2K: 1TB/2TB 2.5" HDD, SAS12Gbps, 15K: 300GB/600GB/900GB, 2.5" HDD, SAS12Gbps, 10K: 300GB/600GB/900GB/1.2TB/1.8TB, 2.5" HDD, SAS12Gbps, 10K, SED: 300GB/600GB 2.5" SSD, SATA6Gbps: 240GB/480GB 2.5" SSD, SAS12Gbps: 400GB/800GB/3.84TB/7.68TB NVMe SSD, PCIe x4 HHHL adapter: 1.6TB/1.92TB/3.2TB/3.84TB M.2 SATA SSD: 32GB/128GB
Network interfaces	One dedicated management port. One LOM slot for customized LOM with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on Port 0 of LOM. Optional ML2 or PCIe adapters are supported. One standard ML2 slot, one optional ML2 slot via optional riser card
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM, China only
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware vSphere (ESXi) 6.5/6.0 U3
Systems management	XClarity Controller Enterprise. XClarity Administrator. XClarity Energy Manager. XClarity Provisioning Manager. XClarity Essentials. Lenovo Capacity Planner. Light Path Diagnostics with LCD diagnostic pull-out panel
GPU support	None
Base warranty	MT 7X11: 1-year limited onsite service with 9x5/NBD MT 7X12: 3-year limited onsite service with 9x5/NBD MT 7X13: 3-year limited onsite service with 9x5/NBD, SAP HANA optimized
Power supply	Supports one, two or four hot-swap 1100W/1600W 80 PLUS Platinum qualified AC power supplies. Redundant with two or four power supplies (N+N, N = 1 or 2). 1600W Platinum is 200V - 240V, 1100W is 100V - 240V and de-rated to 1050W for operation from 110V input

Components	Specification
Video	Integrated Matrox G200 in XClarity Controller
Cooling	Up to 12 hot-swap fans. N +1 redundancy. 6 fans per compute tray, 3 fans per storage tray
Front ports	One XClarity Controller USB connector, one USB 2.0, one VGA
Rear ports	One VGA, two USB 3.0, one serial, one XClarity Controller network connector
Environmental specification	Supports ASHRAE A4 with limitations. Temperature - operating: A4: 5°C to 45°C (41°F to 113°F); A3: 5°C to 40°C (41°F to 104°F); A2: 10°C to 35°C (50°F to 95°F) Temperature - non operating (no package): -10°C to 60°C (14°F to 140°F) Temperature - non operating (with package): -40°C to 70°C (-40°F to 158°F) Altitude - operating: (Unpressurized): 0-10000ft (0-3048m) Humidity - operating, non-condensing: A4: 8%~90%. A3:8%~85%. A2:20%~80% Humidity - storage (with package), non-condensing: 8%~90% *Models should meet the following requirements to support A3 and A4:* • *2.5" NVMe SSD and PCIe NVMe flash adapter not installed (NVMe devices are supported up to 35°C)* • *Processors with TDP more than or equal to 150-watt not installed*
Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Note: All riser cards, expansion cards, and LOM adapters are optional.

Expansion slots

Supports five standard expansion slots (slot 5 - 9) and up to 12 optional expansion slots (slot 1 - 4, 10 - 15, 16 - 17) via 3 riser cards. The slots are as follows:

Slot 1-4 (riser card 1)	Supports one of the following for riser card 1: Option 1: PCIe 3.0 x8/x8/x8/x8 (slot 1-4). Full height, half length Option 2: PCIe 3.0 x16/x16 (slot 3 and 4). Full height, half length Option 3: PCIe 3.0 x16/x16/x16/x16 (slot 1-4). Full height, half length
Slot 5 (on main I/O tray)	PCIe 3.0 x16, low profile
Slot 6 (on main I/O tray)	PCIe 3.0 x16, low profile
Slot 7 (on main I/O tray)	PCIe 3.0 x8, low profile
Slot 8 (on main I/O tray)	PCIe 3.0 x16 ML2, low profile
Slot 9 (on main I/O tray)	LOM slot, low profile
Slot 10-15 (riser card 2)	Supports one of the following for riser card 2: Option 1: PCIe 3.0 x8/x8/x8/x8 (slot 10-13). Full height, half length Option 2: PCIe 3.0 x16/x16 (slot 12 and 13). Full height, half length Option 3: PCIe 3.0 x16/x16/x16/x16/x16/x16 ML2 (slot 10-15). Full height, half length
Slot 16 -17(riser card 3)	PCIe 3.0 x8, low profile

For riser cards configuration of each model, please see model configuration table.

Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A003AU	ANZ	8x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	8	8	8x 32GB RDIMM DDR4-2666 (2Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	None	None	None	1xMgmt	None	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	9x PCIe x16 FHHL, 1x ML2 x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	07/17
7X12A00BAU	ANZ	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A00CAU	ANZ	4x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	4	4	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A00EAU	ANZ	8x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	8	8	8x 32GB RDIMM DDR4-2666 (2Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	None	None	None	1xMgmt	None	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	9x PCIe x16 FHHL, 1x ML2 x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	07/17
7X12A00FAU	ANZ	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A00HAU	ANZ	4x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	4	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	96	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A00LAU	ANZ	4x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	4	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	96	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A00NAU	ANZ	8x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	8	8	8x 32GB RDIMM DDR4-2666 (2Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	None	None	None	1xMgmt	None	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	9x PCIe x16 FHHL, 1x ML2 x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	07/17
7X12A00QAU	ANZ	4x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	4	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	96	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A00RAU	ANZ	4x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	4	4	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A00SAU	ANZ	4x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	4	4	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A00UAU	ANZ	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X13A002AU	ANZ	8x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 64GB LRDIMM DDR4-2666 (4Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A003AU	ANZ	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 64GB LRDIMM DDR4-2666 (4Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X13A004AU	ANZ	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A005AU	ANZ	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A006AU	ANZ	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A007AU	ANZ	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 18x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A008AU	ANZ	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A009AU	ANZ	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00AAU	ANZ	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X13A00BAU	ANZ	2x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00CAU	ANZ	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A021LA	Argentina	8x Xeon Platinum 8180M 28C/2.5GHz/38.5MB/205W/DDR4-2666	8	8	48x 32GB RDIMM DDR4-2666 (2Rx4)	96	96	2x 930-16i 4GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	24	None	None	None	1xMgmt	4x 10GbE SFP+ LOM	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	5x PCIe x16 FHHL, 1x ML2 x16 FHHL	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1600W Platinum	3-year	08/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A014SG	ASEAN	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x 10GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A015SG	ASEAN	2x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	2	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x 10GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A016SG	ASEAN	2x Xeon Platinum 8158 12C/3.0GHz/24.75MB/150W/DDR4-2666	2	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x 10GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01BSG	ASEAN	2x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	2	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x 10GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01CSG	ASEAN	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x 10GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A01TBR	Brazil	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A01UBR	Brazil	8x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	8	8	8x 32GB RDIMM DDR4-2666 (2Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	None	None	None	1xMgmt	None	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	9x PCIe x16 FHHL, 1x ML2 x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	07/17
7X12A01VBR	Brazil	4x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	4	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	96	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01WBR	Brazil	4x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	4	4	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X13A005EA	EMEA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X13A004EA	EMEA	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X13A003EA	EMEA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 64GB LRDIMM DDR4-2666 (4Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X13A002EA	EMEA	8x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 64GB LRDIMM DDR4-2666 (4Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X12A017EA	EMEA	8x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	8	8	8x 32GB RDIMM DDR4-2666 (2Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" HS (12x SATA/SAS, 12x AnyBay)	24	None	None	None	1xMgmt	None	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	9x PCIe x16 FHHL, 1x ML2 x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	07/17
7X12A018EA	EMEA	4x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	4	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	96	1x 930-16i 4GB Flash	12x 2.5" HS (6x SATA/SAS, 6x AnyBay)	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A019EA	EMEA	4x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	4	4	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" HS (6x SATA/SAS, 6x AnyBay)	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A01AEA	EMEA	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-8i 2GB Flash	8x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X13A00CEA	EMEA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X13A00AEA	EMEA	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X13A009EA	EMEA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X13A008EA	EMEA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X13A006EA	EMEA	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17
7X13A00HEA	EMEA	2x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X13A00QEA	EMEA	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 18x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	12/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X13A006CN	HTK	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A007CN	HTK	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 18x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A008CN	HTK	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A009CN	HTK	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00ACN	HTK	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00BCN	HTK	2x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00CCN	HTK	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X13A00DCN	HTK	2x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X12A01ECN	HTK	2x Xeon Platinum 8180 28C/2.5GHz/38.5MB/205W/DDR4-2666	2	8	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01FCN	HTK	2x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	2	8	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X13A002CN	HTK	8x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 64GB LRDIMM DDR4-2666 (4Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A003CN	HTK	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 64GB LRDIMM DDR4-2666 (4Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A004CN	HTK	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A005CN	HTK	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A01HCN	HTK	2x Xeon Platinum 8156 4C/3.6GHz/16.5MB/105W/DDR4-2666	2	8	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01JCN	HTK	2x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	2	8	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01KCN	HTK	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01LCN	HTK	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01NCN	HTK	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01PCN	HTK	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01QCN	HTK	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	2	8	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A01RCN	HTK	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Disks Bays	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A00VSG	INDIA	2x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12 None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A00YSG	INDIA	2x Xeon Platinum 8180 28C/2.5GHz/38.5MB/205W/DDR4-2666	2	8	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	96	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12 None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A00ZSG	INDIA	2x Xeon Platinum 8160M 24C/2.1GHz/33MB/150W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12 None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A010SG	INDIA	2x Xeon Gold 6142M 16C/2.6GHz/22MB/150W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12 None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A011SG	INDIA	2x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	2	8	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	96	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12 None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A00PSG	INDIA	2x Xeon Platinum 8158 12C/3.0GHz/24.75MB/150W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12 None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A00JSG	INDIA	2x Xeon Gold 6134M 8C/3.2GHz/24.75MB/130W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12 None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A00KSG	INDIA	2x Xeon Gold 6134M 8C/3.2GHz/24.75MB/130W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A00DSG	INDIA	2x Xeon Platinum 8160M 24C/2.1GHz/33MB/150W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A001SG	INDIA	2x Xeon Gold 6142M 16C/2.6GHz/22MB/150W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A002SG	INDIA	2x Xeon Gold 6132 14C/2.6GHz/19.25MB/140W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A004SG	INDIA	2x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A005SG	INDIA	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A006SG	INDIA	2x Xeon Gold 6140M 18C/2.3GHz/24.75MB/140W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A008SG	INDIA	2x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A009SG	INDIA	2x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X12A00ASG	INDIA	2x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" SATA/SAS HS	12	None	None	None	1xMgmt	4x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A00MJP	JAPAN	2x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	2	4	4x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" HS (2x SATA/SAS, 2x AnyBay)	12	None	None	None	1xMgmt	4x 10GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1100W Platinum	3-year	07/17
7X12A012JP	JAPAN	4x Xeon Platinum 8180 28C/2.5GHz/38.5MB/205W/DDR4-2666	4	8	4x 16GB RDIMM DDR4-2666 (1Rx4)	48	96	1x 930-16i 4GB Flash	4x 2.5" HS (2x SATA/SAS, 2x AnyBay)	12	None	None	None	1xMgmt	4x 10GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	07/17
7X12A013JP	JAPAN	2x Xeon Gold 6154 18C/3.0GHz/24.75MB/200W/DDR4-2666	2	4	2x 16GB RDIMM DDR4-2666 (1Rx4)	24	48	1x 930-16i 4GB Flash	4x 2.5" HS (2x SATA/SAS, 2x AnyBay)	12	None	None	None	1xMgmt	4x 10GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X13A005JP	JAPAN	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A004JP	JAPAN	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A003JP	JAPAN	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 64GB LRDIMM DDR4-2666 (4Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A002JP	JAPAN	8x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 64GB LRDIMM DDR4-2666 (4Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X13A00CJP	JAPAN	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00BJP	JAPAN	2x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00AJP	JAPAN	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A009JP	JAPAN	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A008JP	JAPAN	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A007JP	JAPAN	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 18x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A006JP	JAPAN	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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7X13A00ELA	LA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00FLA	LA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00GLA	LA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 64GB LRDIMM DDR4-2666 (4Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00QLA	LA	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 18x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00HLA	LA	2x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00JLA	LA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00KLA	LA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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7X13A00LLA	LA	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00MLA	LA	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00NLA	LA	8x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 64GB LRDIMM DDR4-2666 (4Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00PLA	LA	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X12A01YLA	LA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	8	24x 16GB RDIMM DDR4-2666 (2Rx8)	48	96	2x 930-16i 4GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	24	None	None	None	1xMgmt	4x 10GbE SFP+ LOM	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	5x PCIe x16 FHHL, 1x ML2 x16 FHHL	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1600W Platinum	3-year	08/17
7X12A01ZLA	LA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	8	24x 32GB RDIMM DDR4-2666 (2Rx4)	48	96	2x 930-16i 4GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	24	None	None	None	1xMgmt	4x 10GbE SFP+ LOM	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	5x PCIe x16 FHHL, 1x ML2 x16 FHHL	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1600W Platinum	3-year	08/17
7X12A020LA	LA	4x Xeon Platinum 8170 26C/2.1GHz/35.75MB/165W/DDR4-2666	4	8	24x 16GB RDIMM DDR4-2666 (2Rx8)	48	96	2x 930-16i 4GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	24	None	None	None	1xMgmt	4x 10GbE SFP+ LOM	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	5x PCIe x16 FHHL, 1x ML2 x16 FHHL	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1600W Platinum	3-year	08/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X12A022LA	LA	4x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	4	8	24x 16GB RDIMM DDR4-2666 (2Rx8)	48	96	2x 930-16i 4GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	24	None	None	None	1xMgmt	4x 10GbE SFP+ LOM	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	5x PCIe x16 FHHL, 1x ML2 x16 FHHL	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1600W Platinum	3-year	08/17
7X12A023LA	LA	4x Xeon Platinum 8180 28C/2.5GHz/38.5MB/205W/DDR4-2666	4	8	24x 32GB RDIMM DDR4-2666 (2Rx4)	48	96	2x 930-16i 4GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	24	None	None	None	1xMgmt	4x 10GbE SFP+ LOM	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	5x PCIe x16 FHHL, 1x ML2 x16 FHHL	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1600W Platinum	3-year	08/17
7X12A024LA	LA	4x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	4	8	24x 16GB RDIMM DDR4-2666 (2Rx8)	48	96	2x 930-16i 4GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	24	None	None	None	1xMgmt	4x 10GbE SFP+ LOM	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	5x PCIe x16 FHHL, 1x ML2 x16 FHHL	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1600W Platinum	3-year	08/17
7X12A025LA	LA	4x Xeon Platinum 8180 28C/2.5GHz/38.5MB/205W/DDR4-2666	4	8	24x 16GB RDIMM DDR4-2666 (2Rx8)	48	96	2x 930-16i 4GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	24	None	None	None	1xMgmt	4x 10GbE SFP+ LOM	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	5x PCIe x16 FHHL, 1x ML2 x16 FHHL	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1600W Platinum	3-year	08/17

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7X12A027NA	NA	4x Xeon Platinum 8180 28C/2.5GHz/38.5MB/205W/DDR4-2666	4	4	48x 32GB RDIMM DDR4-2666 (2Rx4)	48	48	1x 530-8i	8x 2.5" SATA/SAS HS	12	2x 480GB SSD SATA6Gbps, 6x 800GB SSD SAS12Gbps	8x 3.84TB PCIe 3.0 x4 HHHL	None	1xMgmt	2x GbE RJ-45 LOM	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	8x PCIe x8 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 2.0	XClarity Enterprise	4x 1100W Platinum	3-year	02/18
7X12A01SNA	NA	8x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	8	8	8x 32GB RDIMM DDR4-2666 (2Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" HS (12x SATA/SAS, 12x AnyBay)	24	None	None	None	1xMgmt	None	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	9x PCIe x16 FHHL, 1x ML2 x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	07/17
7X12A01MNA	NA	4x Xeon Platinum 8153 16C/2.0GHz/22MB/125W/DDR4-2666	4	8	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	96	1x 930-8i 2GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X13A002NA	NA	8x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 64GB LRDIMM DDR4-2666 (4Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A003NA	NA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 64GB LRDIMM DDR4-2666 (4Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A004NA	NA	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A005NA	NA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	48x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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7X12A01GNA	NA	4x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	4	4	4x 32GB RDIMM DDR4-2666 (2Rx4)	48	48	1x 930-8i 2GB Flash	8x 2.5" HS (4x SATA/SAS, 4x AnyBay)	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	4x PCIe x16 FHHL, 2x PCIe x8 LP	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1600W Platinum	3-year	07/17
7X12A01DNA	NA	2x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2	4	2x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-8i 2GB Flash	4x 2.5" HS (2x SATA/SAS, 2x AnyBay)	12	None	None	None	1xMgmt	None	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	2x 1100W Platinum	3-year	07/17
7X13A00CNA	NA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 32GB RDIMM DDR4-2666 (2Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00ANA	NA	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	48x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 9x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A00BNA	NA	2x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A006NA	NA	4x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 5x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A007NA	NA	8x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	8	8	96x 128GB 3DS RDIMM DDR4-2666 (8Rx4)	96	96	2x 930-16i 4GB Flash	24x 2.5" SATA/SAS HS	24	2x 400GB SSD SAS12Gbps, 18x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	2x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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Model	Region	Processor	CPU Sockets (std)	CPU Sockets (max)	Memory	Memory Sockets (std)	Memory Sockets (max)	Storage Controller	Disk Bays	Max Disk Bays	Disks	PCIe Flash Adapter	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front Panel	TPM	System Management	Power Supply	Warranty	Ann Date (mm/yy)
7X13A008NA	NA	4x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	4	4	24x 64GB LRDIMM DDR4-2666 (4Rx4)	48	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17
7X13A009NA	NA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	2	4	12x 16GB RDIMM DDR4-2666 (2Rx8)	24	48	1x 930-16i 4GB Flash	12x 2.5" SATA/SAS HS	12	2x 400GB SSD SAS12Gbps, 3x 3.84TB SSD SAS12Gbps	None	None	1xMgmt	2x 2x 25GbE SFP28 PCIe, 4x GbE RJ-45 ML2	1x RAID slot, 2x PCIe x16 LP, 1x PCIe x8 LP, 1x ML2 x16 LP, 1x LOM	None	Operator panel with LCD	TPM 1.2	XClarity Enterprise	4x 1600W Platinum	3-year	11/17

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ThinkSystem SR530 Platform Specifications

Components	Specification
Form factor	1U rack
Dimensions	Height: 43 mm (1.7 in). Width: 482 mm (19.0 in) with rack latches. Depth: 778.3 mm (30.64 in)
Weight	Maximum configuration: 35.27 lb (16 kg)
Processor	Up to two 125W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 20 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s
Chipset	Intel C622 Platform Controller Hub
Memory	Up to 12 DIMM sockets. Each processor supports up to 6 DIMM sockets with 6 channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types cannot be intermixed
Memory capacity	With RDIMMs: Up to 384GB with 12 x 32 GB RDIMMs and two processors With LRDIMMs: Up to 768GB with 12 x 64 GB LRDIMMs and two processors
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	Supports the following RAID/HBA adapters:

	RAID adapter	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath	Max qty
For SS bays	Onboard SATA	6Gbps SATA	SATA	0/1/10/5	Yes	None	None	No	-
For HS bays	530-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50	Yes	None	None	Yes	1
	730-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50	Yes	1GB	None	No	1
	930-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	2GB	Flash backup	Yes	1
	430-8i	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	1
	430-8e	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	2
	430-16e	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	2
	930-8e	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	2

Note: 730-8i is available in China only. All RAID/HBA adapters should be placed in slot 1 firstly.

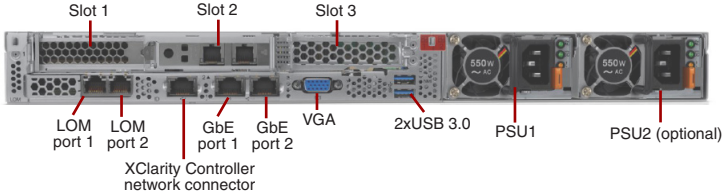
Disk drive bays	Support 4 front 3.5" SATA simple-swap bays, or 4 front 3.5" SATA/SAS HS bays, or 8 front 2.5" SATA/SAS HS bays. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring		
Internal storage	For 3.5" SS bay	3.5" HDD, SATA6Gbs, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
	For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	3.5" HDD, SATA6Gbs, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
		3.5" HDD, SAS12Gbs, 7.2K	1TB/2TB/4TB/6TB/10TB
		2.5" HDD, SAS12Gbs, 15K	300GB/600GB
		2.5" SSD, SATA6Gbs	240GB/480GB
	For 2.5" bay	2.5" HDD, SATA6Gbs, 7.2K	1TB/2TB
		2.5" HDD, SAS12Gbs, 7.2K	1TB/2TB
		2.5" HDD, SAS12Gbs, 10K	300GB/600GB/900GB/1.2TB/1.8TB
		2.5" HDD, SAS12Gbs, 15K	300GB/600GB
		2.5" SSD, SAS12Gbs	400GB/800GB/3.84TB
		2.5" SSD, SATA6Gbs	240GB/480GB
		M.2 SATA SSD	32GB/128GB
Optical	No internal optical bay. Optional USB DVD±RW optical drive		
Network interfaces	Integrated one dedicated management port plus two GbE ports. One LOM slot for customized LOM with two RJ-45 or SFP+ ports, up to 10GbE. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot. Up to two ports supports Wake-on-LAN and NC-SI (see right)		
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel		
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.4/7.3/6.9. SUSE Linux Enterprise Server 12 SP3/12 SP2/11 SP4. VMware ESXi 6.5U1/6.5/6.0 U3		
Systems management	XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials. Light Path Diagnostics		
GPU support	None		

Components	Specification
Base warranty	MT 7X07: 1-year limited onsite service with 9x5/NBD MT 7X08: 3-year limited onsite service with 9x5/NBD
Power supply	Up to two redundant hot-swap 550W and 750W 80 PLUS Platinum qualified AC power supplies. Or up to two redundant hot-swap 750W Titanium qualified AC power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V
Video	Integrated Matrox G200 in XClarity Controller
Cooling	Four fans (3+1) for single processor model, six fans (5+1) for dual processor model
Front ports	One XClarity Controller USB, one USB 3.0, one optional VGA
Rear ports	One VGA, two USB 3.0, two ethernet (RJ-45), one XClarity Controller connector. Optional COM port
Environmental specification	Supports ASHRAE A4 with limitations.

Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)
Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)
Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:20%~80%
Humidity - storage (with package), non-condensing	8%~90%

Models should meet the following requirements to support A3 and A4:
- *Redundant power supplies required*
- *No system fan fails*

Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Note: GbE port 1 and LOM port 1 support Wake-on-LAN and NC-SI. Riser cards, expansion cards, and LOM adapters are optional.

Expansion slots

Slot 1-2 (riser card 1)	Supports one of the following for riser card 1: Option 1: PCIe 3.0 x8/x16 (slot 1-2). Low profile for x8, low profile or full height half length for x16 Option 2: PCIe 3.0 x8/x8 ML2 (slot 1-2). Low profile
Slot 3 (riser card 2)	Option 1: PCIe 3.0 x 8, low profile, for single processor model Option 2: PCIe 3.0 x 16, low profile, for dual processor model When slot 2 is full height, slot 3 cannot be used

System unique options

Option	Description
7XH7A05892	ThinkSystem SR530/SR570 x8/x8ML2 PCIe LP+LP Riser 1 kit
7XH7A02682	ThinkSystem SR530/SR570/SR630 x8/x16 PCIe LP+LP Riser 1 Kit
7XH7A05893	ThinkSystem SR530/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit
7XH7A05891	ThinkSystem SR530/SR570 x8 PCIe LP Riser 2 kit
7XH7A02685	ThinkSystem SR530/SR570/SR630 x16 PCIe LP Riser 2 Kit
7Z17A02579	ThinkSystem SR530/SR570/SR630 Front VGA Connector Upgrade Kit
7Z17A02581	ThinkSystem 1U Security Bezel
7Z17A02577	ThinkSystem COM Port Upgrade Kit
7XH7A05896	ThinkSystem SR530/SR630 2.5" SATA/SAS 8-Bay Backplane Kit

Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X081003AU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X081004AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X081005AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X081006AU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X081007AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X081008AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08100HBR	Brazil	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 550W Platinum	None	3-year	04/18

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A05ALA	Chile	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	2x 2TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X08A05LLA	Chile	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	3x 600GB HDD 15K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X081000LA	Chile	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	2x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 550W Platinum	None	3-year	09/17
7X081001LA	Chile	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	2x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	09/17
7X081002LA	Chile	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	2x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A066LA	Colombia	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	1x 550W Platinum	None	3-year	12/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A01HEA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04GEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	3x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17
7X08A009EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X08A01UEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A01VEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A01WEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A01XEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A020EA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A022EA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A024EA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A025EA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A027EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	2x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X08A028EA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A029EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A02BEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X08A00XEA	EMEA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04TEA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A04UJP	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X08A04VJP	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X08A04YJP	JAPAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X08A04ZJP	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X08A050JP	JAPAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X08A061JP	JAPAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	08/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A05ULA	LA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A05VLA	LA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A05YLA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A054LA	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A05CLA	LA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A05FLA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A05GLA	LA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A05HLA	LA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A05JLA	LA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A051LA	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A053LA	LA (except Brazil)	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5" SATA/SAS HS	2x 600GB HDD 15K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X08A059LA	LA (except Brazil)	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5" SATA/SAS HS	2x 2TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X08A05QLA	LA (except Brazil)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5" SATA/SAS HS	2x 2TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X081009LA	LA (except Chile)	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	2x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Standard	1x 550W Platinum	None	3-year	09/17
7X08100ALA	LA (except Chile)	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	2x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Standard	1x 550W Platinum	None	3-year	09/17
7X08100BLA	LA (except Chile)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	2x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Standard	2x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A03SNA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X08A04FNA	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X08A045NA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A006AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A00DAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A00YAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A010AU	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A01EAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A01JAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A01KAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A01NAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A01PAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A01QAU	ANZ	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A01RAU	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A01SAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A02RAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A02SAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A02XAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A030AU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A032AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A033AU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A034AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	2x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X08A035AU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A03AAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A037AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A038AU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A03FAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03LAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03MAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A03NAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03HAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03JAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A03QAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A03RAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X08A03TAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X08A03UAU	ANZ	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03VAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04MAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A041AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03ZAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A02CSG	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02DSG	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02ESG	ASEAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02FSG	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02GSG	ASEAN	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02HSG	ASEAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02JSG	ASEAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02KSG	ASEAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02LSG	ASEAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02MSG	ASEAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A02NSG	ASEAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02PSG	ASEAN	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A02QSG	ASEAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A04NBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04PBR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04QBR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04RBR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03WBR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03XBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03YBR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A046BR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A047BR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A048BR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A049BR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04ABR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04BBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04CBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04DBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04EBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A040BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A042BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A043BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A044BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A04HBR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04JBR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04KBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04LBR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	1x 600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A003EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00JEA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00NEA	EMEA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00PEA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A01TEA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A01YEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A01ZEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A021EA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A023EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A026EA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A02AEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A018EA	EMEA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A04SEA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A03KCN	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A031CN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A02YCN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A02ZCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A02TCN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A02UCN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A02VCN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A02WCN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03PCN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03GCN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A039CN	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03BCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03CCN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03DCN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A03ECN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A036CN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A016CN	HTK	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A014CN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A01DCN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A01LCN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A01GCN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00SCN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00TCN	HTK	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00UCN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00WCN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00ZCN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A00ASG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A00BSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A00CSG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A00FSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A00GSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A004SG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A007SG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	Onboard Intel RSTe	4x 3.5"	SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A008SG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A01BSG	INDIA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A015SG	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A011SG	INDIA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A013SG	INDIA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x ML2 x8 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A04WJP	JAPAN	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X08A04XJP	JAPAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X08A063JP	JAPAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7X08A064JP	JAPAN	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7X08A065JP	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A067LA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	4x 2TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 2x M.2	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X08A068LA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	4x 4TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 2x M.2	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X08A069LA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	4x 4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	Windows Storage Server 2016 Standard	3-year	04/18
7X08A06ALA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	4x 4TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 2x M.2	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	Windows Storage Server 2016 Standard (Not Pre-installed)	3-year	04/18
7X08A06BLA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	4x 2TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 2x M.2	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	Windows Storage Server 2016 Standard (Not Pre-installed)	3-year	04/18
7X08A06CLA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	4x 2TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	Windows Storage Server 2016 Standard	3-year	04/18
7X08A05NLA	LA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A05DLA	LA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X08A017LA	LA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A019LA	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A01CLA	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08100CLA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	4x 2TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	02/18
7X08100DLA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	4x 4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	02/18
7X08A00HLA	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00KLA	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A00MLA	LA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A052NA	NA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05RNA	NA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05SNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05TNA	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05MNA	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05KNA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05ENA	NA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A055NA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A056NA	NA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A057NA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X08A058NA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05PNA	NA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05WNA	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X08A05XNA	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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ThinkSystem SR550 Platform Specifications

Components	Specification
Form factor	2U rack
Dimensions	Height: 86.5 mm (3.4 in). Width: 482 mm (19.0 in) with rack latches. Depth: 763.7 mm (30.1 in)
Weight	Maximum configuration: 57.32 lb (26 kg)
Processor	Up to two 125W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 20 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s
Chipset	Intel C622 Platform Controller Hub
Memory	Up to 12 DIMM sockets. Each processor supports up to 6 DIMM sockets with 6 channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types cannot be intermixed
Memory capacity	With RDIMMs: Up to 384GB with 12 x 32 GB RDIMMs and two processors With LRDIMMs: Up to 768GB with 12 x 64 GB LRDIMMs and two processors
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	Supports the following RAID/HBA adapters:

	RAID adapter	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath	Max qty
For SS bays	Onboard SATA	6Gb SATA	SATA	0/1/10/5	Yes	None	None	No	-
For HS bays	530-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50	Yes	None	None	Yes	2
	730-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50	Yes	1GB	None	No	2
	930-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	2GB	Flash backup	Yes	2
	930-16i	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
	430-8i	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	2
	430-16i	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	1
	430-8e	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	6
	430-16e	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	6
	930-8e	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	6

Note: 730-8i is available in China only. All RAID/HBA adapters should be placed in slot 4 firstly.

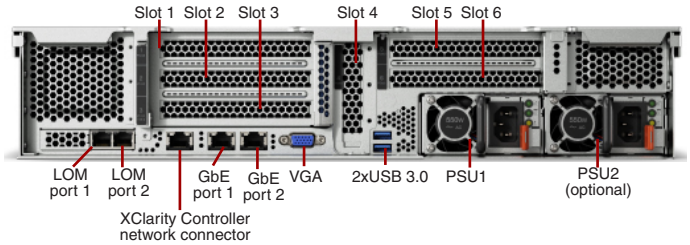
Disk drive bays	Support 8 front 3.5" SATA simple-swap bays, or 8 front 3.5" SATA/SAS HS bays, or 12 front 3.5" SATA/SAS HS bays, or 8 front 2.5" SATA/SAS HS bays, or 16 front 2.5" SATA/SAS HS bays. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring		
Internal storage	For 3.5" SS bay	3.5" HDD, SATA6Gbs, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
	For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	3.5" HDD, SATA6Gbs, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
		3.5" HDD, SAS12Gbs, 7.2K	1TB/2TB/4TB/6TB/10TB
		2.5" HDD, SAS12Gbs, 15K	300GB/600GB
		2.5" SSD, SATA6Gbs	240GB/480GB
	For 2.5" bay	2.5" HDD, SATA6Gbs, 7.2K	1TB/2TB
		2.5" HDD, SAS12Gbs, 7.2K	1TB/2TB
		2.5" HDD, SAS12Gbs, 10K	300GB/600GB/900GB/1.2TB/1.8TB
		2.5" HDD, SAS12Gbs, 15K	300GB/600GB
		2.5" SSD, SAS12Gbs	400GB/800GB/3.84TB
		2.5" SSD, SATA6Gbs	240GB/480GB
		M.2 SATA SSD	32GB/128GB
Optical	No internal optical bay. Optional USB DVD±RW optical drive		
Network interfaces	Integrated one dedicated management port plus two GbE ports. One LOM slot for customized LOM with two RJ-45 or SFP+ ports, up to 10GbE. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot. Up to two ports supports Wake-on-LAN and NC-SI (see right)		
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel		
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.4/7.3/6.9. SUSE Linux Enterprise Server 12 SP3/12 SP2/11 SP4. VMware ESXi 6.5U1/6.5/6.0 U3		
Systems management	XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials. Light Path Diagnostics		
GPU support	None		

Components	Specification
Base warranty	MT 7X03: 1-year limited onsite service with 9x5/NBD MT 7X04: 3-year limited onsite service with 9x5/NBD
Power supply	Up to two redundant hot-swap 550W and 750W 80 PLUS Platinum qualified AC power supplies. Or up to two redundant hot-swap 750W Titanium qualified AC power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V
Video	Integrated Matrox G200 in XClarity Controller
Cooling	Three fans (2+1) for single processor model, four fans (3+1) for dual processor model
Front ports	One XClarity Controller USB, one USB 3.0, one optional VGA
Rear ports	One VGA, two USB 3.0, two ethernet (RJ-45) one XClarity Controller connector. Optional COM port
Environmental specification	Supports ASHRAE A4 with limitations.

Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)
Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)
Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:20%~80%
Humidity - storage (with package), non-condensing	8%~90%

Models should meet the following requirements to support A3 and A4:
- *Redundant power supplies required*
- *No system fan fails*

Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Note: GbE port 1 and LOM port 1 support Wake-on-LAN and NC-SI. Riser cards, expansion cards, and LOM adapters are optional.

Expansion slots

Slot 1-3 (riser card 1)	Supports one of the following for riser card 1: Option 1: PCIe 3.0 x8/x8/x8 (slot 1-3). Full height, half length. Option 2: PCIe 3.0 x16/x8 (slot 1 and 3). Full height, half length Option 3: PCIe 3.0 x8/x8/x8 ML2 (slot 1-3). Full height, half length
Slot 4 (onboard)	PCIe 3.0 x8, low profile
Slot 5 (riser card 2)	PCIe 3.0 x16, full height, half length, requires 2nd CPU
Slot 6 (riser card 2)	PCIe 3.0 x8, full height, half length

System unique options

7XH7A02680	Lenovo SR550/SR590/SR650 x8/x8/x8ML2 PCIe FH Riser 1 Kit
7XH7A02679	Lenovo SR550/SR590/SR650 (x16/x8)/(x16/x16) PCIe FH Riser 2 Kit
7XH7A02678	Lenovo SR550/SR590/SR650 x16/x8 PCIe FH Riser 1 Kit
7XH7A02677	Lenovo SR550/SR590/SR650 x8/x8/x8 PCIe FH Riser 1 Kit
7Z17A02578	Lenovo SR550/SR590/SR650 EIA Latch w/ VGA Upgrade Kit
7XH7A06254	Lenovo SR550/SR650 2.5" SATA/SAS 8-Bay Backplane Kit
7Z17A02580	Lenovo 2U Security Bezel
7Z17A02577	Lenovo COM Port Upgrade Kit

Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X041003AU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X041004AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X041005AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X041006AU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X041007AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X041008AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X04A02AAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A02BAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A02GAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02JAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A02RAU	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A02VAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A02WAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A02YAU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A034AU	ANZ	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A035AU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A039AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A03EAU	ANZ	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A03KAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A03SAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A03TAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A03ZAU	ANZ	1x Xeon Gold 6126T 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X04A040AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X04A045AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X04A046AU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X04A047AU	ANZ	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X04A048AU	ANZ	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X04A03VAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A03WAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04100GBR	Brazil	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	04/18

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A04WLA	Chile	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	3x 600GB HDD 15K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A058LA	Chile	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	2x 2TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X041001LA	Chile	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	2x PCIe x8 FHHL, 1x ML2 x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	09/17
7X041002LA	Chile	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	2x PCIe x8 FHHL, 1x ML2 x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A06NLA	Colombia	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	1x 550W Platinum	None	3-year	12/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A06PEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	12/17
7X04A007EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A002EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A003EA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A005EA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00MEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00NEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A00QEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A00HEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A00AEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A00CEA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A00DEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A00FEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A01YEA	EMEA	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A01ZEA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A020EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A023EA	EMEA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A024EA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A028EA	EMEA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A04BEA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A04EJP	JAPAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X04A04FJP	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X04A04GJP	JAPAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X04A04HJP	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X04A04JJP	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A05DLA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A05FLA	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A050LA	LA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A052LA	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A059LA	LA (except Brazil)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5" 8x 3.5" SATA/SAS HS	2x 600GB HDD 15K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A04LLA	LA (except Brazil)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5" 8x 3.5" SATA/SAS HS	3x 4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A04MLA	LA (except Brazil)	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5" 8x 3.5" SATA/SAS HS	3x 600GB HDD 15K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A04QLA	LA (except Brazil)	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5" 8x 3.5" SATA/SAS HS	3x 4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X04A04XLA	LA (except Brazil)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5" 8x 3.5" SATA/SAS HS	2x 2TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X041009LA	LA (except Chile)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x 750W Platinum	None	3-year	09/17
7X04100ALA	LA (except Chile)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	2x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A02TNA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X04A02QNA	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X04A02KNA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A029AU	ANZ	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02HAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02SAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02XAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A033AU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A031AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A037AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03AAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03CAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03GAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A03HAU	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03QAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03RAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A041AU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A042AU	ANZ	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A043AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A044AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A049AU	ANZ	1x Xeon Gold 6126T 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A04KAU	ANZ	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A04TSG	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A006SG	ASEAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00BSG	ASEAN	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A008SG	ASEAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00GSG	ASEAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00KSG	ASEAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00RSG	ASEAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00SSG	ASEAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00XSG	ASEAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00VSG	ASEAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A017SG	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01ASG	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01ESG	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01XSG	ASEAN	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A063BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A064BR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A065BR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A066BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A067BR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A068BR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A069BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A06ABR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A06BBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A06CBR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A06DBR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A06EBR	Brazil	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A001EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A004EA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00LEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00PEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00JEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A009EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00EEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A021EA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A022EA	EMEA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A025EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A026EA	EMEA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A027EA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A04AEA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A03UCN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03JCN	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03FCN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03DCN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03BCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A038CN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A032CN	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02ZCN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A030CN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02UCN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A02MCN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02NCN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01MCN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02DCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02ECN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02FCN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01FCN	HTK	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01GCN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01JCN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01PCN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A01CCN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01DCN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00WCN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A016CN	HTK	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A00TCN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03PCN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A00USG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X041000SG	INDIA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	09/17
7X04A00YSG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A00ZSG	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A010SG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A011SG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A012SG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A013SG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A014SG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A015SG	INDIA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A01QSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01RSG	INDIA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A01SSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A01TSG	INDIA	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A01USG	INDIA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A01VSG	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A01KSG	INDIA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X04A01NSG	INDIA	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A04CJP	JAPAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A04DJP	JAPAN	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X04A06GJP	JAPAN	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	08/17
7X04A06HJP	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	08/17
7X04A06KJP	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7X04A06LJP	JAPAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7X04A06MJP	JAPAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A03XLA	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03YLA	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A05CLA	LA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A05ELA	LA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A05GLA	LA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A05HLA	LA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A054LA	LA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03LLA	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03MLA	LA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A03NLA	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A02CLA	LA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02PLA	LA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A02LLA	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A036LA	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04100FLA	LA (except Chile)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	2x 600GB HDD 15K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Advanced	2x 750W Platinum	None	3-year	04/18

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A04YNA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A04ZNA	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A04UNA	NA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A04VNA	NA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A04NNA	NA	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A04PNA	NA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A05ANA	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A05BNA	NA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A05JNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A055NA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X04A056NA	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A057NA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A053NA	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X04A051NA	NA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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ThinkSystem SR570 Platform Specifications

Components	Specification
Form factor	1U rack
Dimensions	Height: 43 mm (1.7 in). Width: 482 mm (19.0 in) with rack latches. Depth: 778.3 mm (30.64 in)
Weight	Maximum configuration: 35.27 lb (16 kg)
Processor	Up to two 150W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 26 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s each
Chipset	Intel C622 Platform Controller Hub
Memory	Up to 16 DIMM sockets. Each processor supports up to 8 DIMM sockets with 6 channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types cannot be intermixed
Memory capacity	With RDIMMs: Up to 512GB with 16 x 32 GB RDIMMs and two processors With LRDIMMs: Up to 1TB with 16 x 64 GB LRDIMMs and two processors
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	Supports the following RAID/HBA adapters:

	RAID adapter	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath	Max qty
For SS bays	Onboard SATA	6Gb SATA	SATA	0/1/10/5	Yes	None	None	No	-
For HS bays	530-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50	Yes	None	None	Yes	1
	730-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50	Yes	1GB	None	No	1
	930-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	2GB	Flash backup	Yes	1
	930-16i	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
	430-8i	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	1
	430-16i	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	1
	430-8e	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	3
	430-16e	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	3
	930-8e	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	2

Note: 730-8i is available in China only

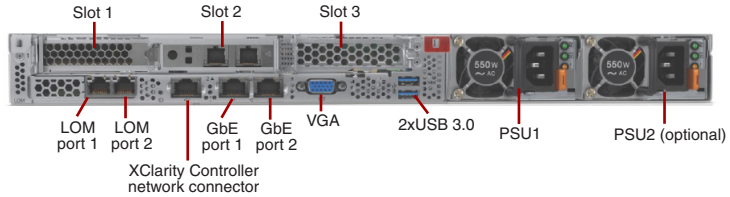
Disk drive bays	Support 4 front 3.5" SATA simple-swap bays, or 4 front 3.5" SATA/SAS HS bays, or 8 front 2.5" SATA/SAS HS bays, or 10 front 2.5" SATA/SAS HS bays with 4 AnyBay. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring		
Internal storage	For 3.5" SS bay	3.5" HDD, SATA6Gbs, 7.2K	1TB/2TB/4TB/6TB/8TB
	For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	3.5" HDD, SATA6Gbs, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
		3.5" HDD, SAS12Gbs, 7.2K	1TB/2TB/4TB/6TB/10TB
		3.5" HDD, SAS12Gbs, 15K	300GB/600GB/900GB
		2.5" SSD, SATA6Gbs	240GB/480GB
		2.5" NVMe SSD, AnyBay	960GB/1.92TB/3.84TB
	For 2.5" bay	2.5" HDD, SATA6Gbs, 7.2K	1TB/2TB
		2.5" HDD, SAS12Gbs, 7.2K	1TB/2TB
		2.5" HDD, SAS12Gbs, 10K	300GB/600GB/900GB/1.2TB/1.8TB
		2.5" HDD, SAS12Gbs, 10K, SED	300GB/600GB
		2.5" HDD, SAS12Gbs, 15K	300GB/600GB/900GB
		2.5" SSD, SAS12Gbs	400GB/800GB/3.84TB
		2.5" SSD, SATA6Gbs	240GB/480GB
		2.5" NVMe SSD, AnyBay	960GB/1.6TB/1.92TB/3.84TB
	M.2 boot drive	M.2 SATA SSD	32GB/128GB
Optical	No internal optical bay. Optional USB DVD±RW optical drive		
Network interfaces	Integrated one dedicated management port plus two GbE ports. One LOM slot for customized LOM with two RJ-45 or SFP+ ports, up to 10GbE. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot. Up to two ports supports Wake-on-LAN and NC-SI (see right)		
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel		
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware ESXi 6.5/6.0 U3		
Systems management	XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials. Light Path Diagnostics		
GPU support	None		

Components	Specification
Base warranty	MT 7Y02: 1-year limited onsite service with 9x5/NBD MT 7Y03: 3-year limited onsite service with 9x5/NBD
Power supply	Up to two redundant hot-swap 550W and 750W 80 PLUS Platinum qualified AC power supplies. Or up to two redundant hot-swap 750W Titanium qualified AC power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V
Video	Integrated Matrox G200 in XClarity Controller
Cooling	4x 3.5" or 8x 2.5" models: four fans for single processor model, six fans for dual processor model, all fans are 4028 10x 2.5" models: six fans for both single and dual processor models, all fans are 4056
Front ports	One XClarity Controller USB, one USB 3.0, one optional VGA
Rear ports	One VGA, two USB 3.0, two ethernet (RJ-45), one XClarity Controller connector. Optional COM port
Environmental specification	Supports ASHRAE A4 with limitations.

Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)
Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)
Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:8%~80%
Humidity - storage (with package), non-condensing	8%~90%

Models should meet the following requirements to support A3 and A4:
- *Redundant power supplies required*
- *No system fan fails*
- *No NVMe drive*
- *No rear two HS bays*
- *Processor TDP is less than or equal to 140 watts, and no Intel Xeon 6140 or 6152 processor is installed*
- *On 12x 3.5" models. mo M.2 drives*

Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Note: GbE port 1 and LOM port 1 support Wake-on-LAN and NC-SI. Riser cards, expansion cards, and LOM adapters are optional.

Expansion slots

Slot 1-2 (riser card 1)	Supports one of the following for riser card 1: Option 1: PCIe 3.0 x8/x16 (slot 1-2). Low profile for x8, low profile or full height half length for x16 Option 2: PCIe 3.0 x8/x8 ML2 (slot 1-2). Low profile
Slot 3 (riser card 2)	Option 1: PCIe 3.0 x 8, low profile, for single processor model Option 2: PCIe 3.0 x 16, low profile, for dual processor model When slot 2 is full height, slot 3 cannot be used

System unique options

7XH7A05892	ThinkSystem SR530/SR570 x8/x8ML2 PCIe LP+LP Riser 1 Kit
7XH7A02682	ThinkSystem SR530/SR570/SR630 x8/x16 PCIe LP+LP Riser 1 Kit
7XH7A05893	ThinkSystem SR530/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit
7XH7A05891	ThinkSystem SR530/SR570 x8 PCIe LP Riser 2 Kit
7XH7A02685	ThinkSystem SR530/SR570/SR630 x16 PCIe LP Riser 2 Kit
7Z17A02579	ThinkSystem SR530/SR570/SR630 Front VGA Connector Upgrade Kit
7Z17A02581	ThinkSystem 1U Security Bezel
7Z17A02577	ThinkSystem COM Port Upgrade Kit
4XH7A08762	ThinkSystem SR570 2.5" SATA/SAS 8-Bay Backplane Kit

Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A02LAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02MAU	ThinkSystem SR570	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02NAU	ThinkSystem SR570	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02PAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02QAU	ThinkSystem SR570	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02RAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02SAU	ThinkSystem SR570	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02TAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A027EA	ThinkSystem SR570	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	2x 750W Platinum	None	3-year	11/17
7Y03A02AEA	ThinkSystem SR570	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7Y03A02HEA	ThinkSystem SR570	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A02BNA	ThinkSystem SR570	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02FNA	ThinkSystem SR570	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17
7Y03A02JNA	ThinkSystem SR570	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A00GAU	ThinkSystem SR570	ANZ	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 2x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	11/17
7Y03A00HAU	ThinkSystem SR570	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 2x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	11/17
7Y03A00MAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00NAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00QAU	ThinkSystem SR570	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00SAU	ThinkSystem SR570	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00TAU	ThinkSystem SR570	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00UAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00WAU	ThinkSystem SR570	ANZ	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00XAU	ThinkSystem SR570	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A011AU	ThinkSystem SR570	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A012AU	ThinkSystem SR570	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A015AU	ThinkSystem SR570	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A016AU	ThinkSystem SR570	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01KAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01SAU	ThinkSystem SR570	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01UAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01VAU	ThinkSystem SR570	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01WAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01XAU	ThinkSystem SR570	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y02A00JSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00KSG	ThinkSystem SR570	ASEAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00LSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00MSG	ThinkSystem SR570	ASEAN	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00NSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00PSG	ThinkSystem SR570	ASEAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00QSG	ThinkSystem SR570	ASEAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00RSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00SSG	ThinkSystem SR570	ASEAN	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00TSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y02A00USG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6132 14C/2.6GHz/19.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00VSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00WSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00XSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00YSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 5117 14C/2.0GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A00ZSG	ThinkSystem SR570	ASEAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A010SG	ThinkSystem SR570	ASEAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A011SG	ThinkSystem SR570	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A012SG	ThinkSystem SR570	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A013SG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y02A014SG	ThinkSystem SR570	ASEAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17
7Y02A015SG	ThinkSystem SR570	ASEAN	1x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 2.0	XClarity Enterprise	1x 750W Platinum	None	1-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A00ZEA	ThinkSystem SR570	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00REA	ThinkSystem SR570	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00VEA	ThinkSystem SR570	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00KEA	ThinkSystem SR570	EMEA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 2x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	11/17
7Y03A01REA	ThinkSystem SR570	EMEA	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 2x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	11/17
7Y03A020EA	ThinkSystem SR570	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A021EA	ThinkSystem SR570	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A022EA	ThinkSystem SR570	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A025EA	ThinkSystem SR570	EMEA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01TEA	ThinkSystem SR570	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A014EA	ThinkSystem SR570	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01PEA	ThinkSystem SR570	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01LEA	ThinkSystem SR570	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01EEA	ThinkSystem SR570	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01FEA	ThinkSystem SR570	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01GEA	ThinkSystem SR570	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01HEA	ThinkSystem SR570	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A017EA	ThinkSystem SR570	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A018EA	ThinkSystem SR570	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01AEA	ThinkSystem SR570	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A01BCN	ThinkSystem SR570	HTK	1x Xeon Gold 5117 14C/2.0GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01MCN	ThinkSystem SR570	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01QCN	ThinkSystem SR570	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A026CN	ThinkSystem SR570	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01YCN	ThinkSystem SR570	HTK	1x Xeon Gold 5120T 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01ZCN	ThinkSystem SR570	HTK	1x Xeon Gold 5120T 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A023CN	ThinkSystem SR570	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A024CN	ThinkSystem SR570	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00LCN	ThinkSystem SR570	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00JCN	ThinkSystem SR570	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A00PCN	ThinkSystem SR570	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00YCN	ThinkSystem SR570	HTK	1x Xeon Gold 5117 14C/2.0GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A000CN	ThinkSystem SR570	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A001CN	ThinkSystem SR570	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A002CN	ThinkSystem SR570	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A003CN	ThinkSystem SR570	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A004CN	ThinkSystem SR570	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A005CN	ThinkSystem SR570	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A006CN	ThinkSystem SR570	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A007CN	ThinkSystem SR570	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A008CN	ThinkSystem SR570	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A009CN	ThinkSystem SR570	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	4x 3.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00ACN	ThinkSystem SR570	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	4x 3.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00BCN	ThinkSystem SR570	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	4x 3.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00CCN	ThinkSystem SR570	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00DCN	ThinkSystem SR570	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	4x 3.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00ECN	ThinkSystem SR570	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00FCN	ThinkSystem SR570	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	8x 2.5"	SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A010SG	ThinkSystem SR570	INDIA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	USB DVD±RW	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	01/18
7Y03A013SG	ThinkSystem SR570	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	USB DVD±RW	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	01/18
7Y03A01NSG	ThinkSystem SR570	INDIA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	USB DVD±RW	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	01/18
7Y03A01CSG	ThinkSystem SR570	INDIA	1x Xeon Gold 5117 14C/2.0GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	USB DVD±RW	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	01/18
7Y03A019SG	ThinkSystem SR570	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	USB DVD±RW	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	01/18
7Y03A01JSG	ThinkSystem SR570	INDIA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	None	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	USB DVD±RW	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	01/18

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7Y03A01DJP	ThinkSystem SR570	JAPAN	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7Y03A02DJP	ThinkSystem SR570	JAPAN	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7Y03A02EJP	ThinkSystem SR570	JAPAN	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7Y03A028JP	ThinkSystem SR570	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7Y03A02VJP	ThinkSystem SR570	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7Y03A02WJP	ThinkSystem SR570	JAPAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7Y03A02XJP	ThinkSystem SR570	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7Y03A02YJP	ThinkSystem SR570	JAPAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7Y03A02ZJP	ThinkSystem SR570	JAPAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7Y03A030JP	ThinkSystem SR570	JAPAN	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A016NA	ThinkSystem SR570	NA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01LNA	ThinkSystem SR570	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01KNA	ThinkSystem SR570	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01PNA	ThinkSystem SR570	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01SNA	ThinkSystem SR570	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01TNA	ThinkSystem SR570	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	Onboard Intel RSTe	4x 3.5"	4x 3.5" SATA SS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01VNA	ThinkSystem SR570	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01XNA	ThinkSystem SR570	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A01WNA	ThinkSystem SR570	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A012NA	ThinkSystem SR570	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7Y03A00ZNA	ThinkSystem SR570	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A011NA	ThinkSystem SR570	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00WNA	ThinkSystem SR570	NA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00UNA	ThinkSystem SR570	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00QNA	ThinkSystem SR570	NA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00TNA	ThinkSystem SR570	NA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00SNA	ThinkSystem SR570	NA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00NNA	ThinkSystem SR570	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7Y03A00HNA	ThinkSystem SR570	NA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 2x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	11/17
7Y03A00GNA	ThinkSystem SR570	NA	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	None	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM	1x PCIe x8 LP, 2x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	11/17

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ThinkSystem SR590 Platform Specifications

Components	Specification
Form factor	2U rack
Dimensions	Height: 86.5 mm (3.4 in). Width: 482 mm (19.0 in) with rack latches. Depth: 763.7 mm (30.1 in)
Weight	Maximum configuration: 61.7 lb (28 kg)
Processor	Up to two 150W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 26 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s each
Chipset	Intel C622 Platform Controller Hub
Memory	Up to 16 DIMM sockets. Each processor supports up to 8 DIMM sockets with 6 channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types cannot be intermixed
Memory capacity	With RDIMMs: Up to 512GB with 16 x 32 GB RDIMMs and two processors With LRDIMMs: Up to 1TB with 16 x 64 GB LRDIMMs and two processors
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	Supports the following RAID/HBA adapters:

	RAID adapter	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath	Max qty
For SS bays	Onboard SATA	6Gb SATA	SATA	0/1/10/5	Yes	None	None	No	-
For HS bays	530-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50	Yes	None	None	Yes	2
	730-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50	Yes	1GB	None	No	2
	930-8i	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	2GB	Flash backup	Yes	2
	930-16i	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
	430-8i	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	2
	430-16i	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	1
	430-8e	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	5
	430-16e	12Gbs SAS	SATA/SAS	-	Yes	None	None	-	5
	930-8e	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	3

Note: 730-8i is available in China only

Disk drive bays	Supports 3.5" Simple-swap bay up to 8, or 3.5" HS bay up to 12, or 2.5" HS bay up to 12. On 12x 3.5", 8x 2.5", or 16x 2.5" bay models, 4 bays can be upgrade to AnyBay. Optional 2 rear 3.5" HS bays are supported on 12 x 3.5" model, takes place in riser card 1 location. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring

Internal storage		
For 3.5" SS bay	3.5" HDD, SATA6Gbs, 7.2K	1TB/2TB/4TB/6TB/8TB
For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	3.5" HDD, SATA6Gbs, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
	3.5" HDD, SAS12Gbs, 7.2K	1TB/2TB/4TB/6TB/10TB
	3.5" HDD, SAS12Gbs, 15K	300GB/600GB/900GB
	2.5" SSD, SATA6Gbs	240GB/480GB
	2.5" NVMe SSD, AnyBay	960GB/1.92TB/3.84TB
For 2.5" bay	2.5" HDD, SATA6Gbs, 7.2K	1TB/2TB
	2.5" HDD, SAS12Gbs, 7.2K	1TB/2TB
	2.5" HDD, SAS12Gbs, 10K	300GB/600GB/900GB/1.2TB/1.8TB
	2.5" HDD, SAS12Gbs, 10K, SED	300GB/600GB
	2.5" HDD, SAS12Gbs, 15K	300GB/600GB/900GB
	2.5" SSD, SAS12Gbs	400GB/800GB/3.84TB
	2.5" SSD, SATA6Gbs	240GB/480GB
	2.5" NVMe SSD, AnyBay	960GB/1.6TB/1.92TB/3.84TB
M.2 boot drive	M.2 SATA SSD	32GB/128GB

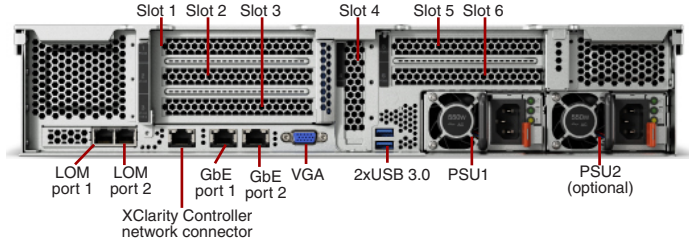
Optical	No internal optical bay. Using USB DVD±RW optical drive
Network interfaces	Integrated one dedicated management port plus two GbE ports. One LOM slot for customized LOM with two RJ-45 or SFP+ ports, up to 10GbE. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot. Up to two ports supports Wake-on-LAN and NC-SI (see right)
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware ESXi 6.5/6.0 U3
Systems management	XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials. Light Path Diagnostics
GPU support	None
Base warranty	MT 7X98: 1-year limited onsite service with 9x5/NBD MT 7X99: 3-year limited onsite service with 9x5/NBD

Components	Specification
Power supply	Up to two redundant hot-swap 550W and 750W 80 PLUS Platinum qualified AC power supplies. Or up to two redundant hot-swap 750W Titanium qualified AC power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V
Video	Integrated Matrox G200 in XClarity Controller
Cooling	Three fans (2+1) for single processor model, four fans (3+1) for dual processor model
Front ports	One XClarity Controller USB, one USB 3.0, one optional VGA
Rear ports	One VGA, two USB 3.0, two ethernet (RJ-45), one XClarity Controller connector. Optional COM port
Environmental specification	Supports ASHRAE A4 with limitations.

Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)
Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)
Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:8%~80%
Humidity - storage (with package), non-condensing	8%~90%

Models should meet the following requirements to support A3 and A4:
- *Redundant power supplies required*
- *No system fan fails*
- *No NVMe drive*
- *No rear two HS bays*
- *Processor TDP is less than or equal to 140 watts, and no Intel Xeon 6140 or 6152 processor is installed*
- *On 12x 3.5" models. mo M.2 drives*

Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Note: GbE port 1 and LOM port 1 support Wake-on-LAN and NC-SI. Riser cards, expansion cards, and LOM adapters are optional.

Expansion slots

Slot 1-3 (riser card 1)	Supports one of the following for riser card 1: Option 1: PCIe 3.0 x8/x8/x8 (slot 1-3). Full height, half length. Option 2: PCIe 3.0 x16/x8 (slot 1 and 3). Full height, half length Option 3: PCIe 3.0 x8/x8/x8 ML2 (slot 1-3). Full height, half length Option 4: Two rear 3.5" disk bays, 12 x 3.5" models only
Slot 4 (onboard)	PCIe 3.0 x8, low profile
Slot 5 (riser card 2)	PCIe 3.0 x16, full height, half length, requires 2nd CPU
Slot 6 (riser card 2)	PCIe 3.0 x8, full height, half length

System unique options

7XH7A06253	ThinkSystem SR590/SR650 Rear HDD Kit
4XH7A08778	ThinkSystemSR550/SR590/SR650 x8/x8/x8ML2 PCIe FH Riser 1 Kit
4XH7A08779	ThinkSystem SR550/SR590/SR650 x16/x8 PCIe FH Riser 1 Kit
4XH7A08777	ThinkSystem SR550/SR590/SR650 x8/x8/x8 PCIe FH Riser 1 Kit
4XH7A08780	ThinkSystemSR550/SR590/SR650 x16/x8(or x16) PCIe FH Riser 2 Kit
7Z17A02578	ThinkSystem SR550/SR590/SR650 EIA Latch w/ VGA Upgrade Kit
7Z17A02580	ThinkSystem 2U Security Bezel
7Z17A02577	ThinkSystem COM Port Upgrade Kit
4XH7A08764	ThinkSystem SR590 2.5"" Anybay 8-Bay Backplane Kit
4XH7A08763	ThinkSystem SR590 2.5" SATA/SAS 8-Bay Backplane Kit

Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A03EAU	ThinkSystem SR590	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03FAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03GAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03HAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03JAU	ThinkSystem SR590	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03KAU	ThinkSystem SR590	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03LAU	ThinkSystem SR590	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03MAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A039EA	ThinkSystem SR590	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17
7X99A03BEA	ThinkSystem SR590	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	2x750W Platinum	None	3-year	11/17
7X99A03CEA	ThinkSystem SR590	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17
7X99A03PEA	ThinkSystem SR590	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	3x600GB HDD 10K 2.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	2x750W Platinum	None	3-year	12/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A004CN	ThinkSystem SR590	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00ACN	ThinkSystem SR590	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00BCN	ThinkSystem SR590	HTK	1x Xeon Gold 5120T 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A008CN	ThinkSystem SR590	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00FCN	ThinkSystem SR590	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00RCN	ThinkSystem SR590	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00KCN	ThinkSystem SR590	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01CCN	ThinkSystem SR590	HTK	1x Xeon Gold 5117 14C/2.0GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01DCN	ThinkSystem SR590	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01ACN	ThinkSystem SR590	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A01HCN	ThinkSystem SR590	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01PCN	ThinkSystem SR590	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01QCN	ThinkSystem SR590	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A010CN	ThinkSystem SR590	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A018CN	ThinkSystem SR590	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02MCN	ThinkSystem SR590	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02NCN	ThinkSystem SR590	HTK	1x Xeon Gold 5120T 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02PCN	ThinkSystem SR590	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02FCN	ThinkSystem SR590	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02GCN	ThinkSystem SR590	HTK	1x Xeon Gold 5117 14C/2.0GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A026CN	ThinkSystem SR590	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01TCN	ThinkSystem SR590	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01UCN	ThinkSystem SR590	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01ZCN	ThinkSystem SR590	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02YCN	ThinkSystem SR590	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A034CN	ThinkSystem SR590	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A032CN	ThinkSystem SR590	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A00YJP	ThinkSystem SR590	JAPAN	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17
7X99A02DJP	ThinkSystem SR590	JAPAN	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A038NA	ThinkSystem SR590	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03ANA	ThinkSystem SR590	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A03DNA	ThinkSystem SR590	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A006AU	ThinkSystem SR590	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00DAU	ThinkSystem SR590	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00EAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00HAU	ThinkSystem SR590	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00JAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00XAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A019AU	ThinkSystem SR590	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01EAU	ThinkSystem SR590	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01MAU	ThinkSystem SR590	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A020AU	ThinkSystem SR590	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A021AU	ThinkSystem SR590	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A023AU	ThinkSystem SR590	ANZ	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL, 2x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	11/17
7X99A02CAU	ThinkSystem SR590	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02JAU	ThinkSystem SR590	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL, 2x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	11/17
7X99A02KAU	ThinkSystem SR590	ANZ	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02UAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02SAU	ThinkSystem SR590	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02ZAU	ThinkSystem SR590	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A030AU	ThinkSystem SR590	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A035AU	ThinkSystem SR590	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X991000LA	ThinkSystem SR590	Argentina	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	6x4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	2x750W Platinum	None	3-year	02/18

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A007SG	ThinkSystem SR590	ASEAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A00MSG	ThinkSystem SR590	ASEAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A00PSG	ThinkSystem SR590	ASEAN	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A00QSG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A005SG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A00USG	ThinkSystem SR590	ASEAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A00ZSG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A012SG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6132 14C/2.6GHz/19.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A013SG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A015SG	ThinkSystem SR590	ASEAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A02TSG	ThinkSystem SR590	ASEAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A02VSG	ThinkSystem SR590	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A02WSG	ThinkSystem SR590	ASEAN	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A02LSG	ThinkSystem SR590	ASEAN	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A025SG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A01LSG	ThinkSystem SR590	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A01WSG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A01XSG	ThinkSystem SR590	ASEAN	1x Xeon Gold 5117 14C/2.0GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A01YSG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17
7X99A036SG	ThinkSystem SR590	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A031SG	ThinkSystem SR590	ASEAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5" HS	8x 2.5" SATA/SAS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 2.0	XClarity Enterprise	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A033EA	ThinkSystem SR590	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01VEA	ThinkSystem SR590	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A022EA	ThinkSystem SR590	EMEA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL, 2x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	11/17
7X99A02HEA	ThinkSystem SR590	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i	2GB Flash	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A016EA	ThinkSystem SR590	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i	2GB Flash	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A011EA	ThinkSystem SR590	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i	4GB Flash	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A014EA	ThinkSystem SR590	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00SEA	ThinkSystem SR590	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i	2GB Flash	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00TEA	ThinkSystem SR590	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01NEA	ThinkSystem SR590	EMEA	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL, 2x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A01REA	ThinkSystem SR590	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01SEA	ThinkSystem SR590	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01FEA	ThinkSystem SR590	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01JEA	ThinkSystem SR590	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01KEA	ThinkSystem SR590	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01BEA	ThinkSystem SR590	EMEA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00GEA	ThinkSystem SR590	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00DEA	ThinkSystem SR590	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A009EA	ThinkSystem SR590	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A003EA	ThinkSystem SR590	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17

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7X99A024SG	ThinkSystem SR590	INDIA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	01/18
7X99A02BSG	ThinkSystem SR590	INDIA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	01/18
7X99A00WSG	ThinkSystem SR590	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	01/18
7X99A00LSG	ThinkSystem SR590	INDIA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	01/18
7X99A00NSG	ThinkSystem SR590	INDIA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	01/18
7X99A00CSG	ThinkSystem SR590	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	01/18
7X99A002SG	ThinkSystem SR590	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	01/18

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A02RJP	ThinkSystem SR590	JAPAN	1x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17
7X99A037JP	ThinkSystem SR590	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A02ELA	ThinkSystem SR590	LA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A027LA	ThinkSystem SR590	LA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A029LA	ThinkSystem SR590	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02ALA	ThinkSystem SR590	LA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02QLA	ThinkSystem SR590	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02XLA	ThinkSystem SR590	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A03QLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	2x 480GB SSD SATA6Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A03RLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 8TB HDD 7.2K 3.5" SATA6Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A03SLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 6TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A03TLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 4TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18

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7X99A03ULA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	8x 4TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A03VLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	6x 4TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A048LA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	6x 4TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A049LA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	2x 480GB SSD SATA6Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04ALA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	1x 3x FHHL1x x8/x8/x8	1x Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04BLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	8x 4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	1x 3x FHHL1x x8/x8/x8	1x Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04CLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 8TB HDD 7.2K 3.5" SATA6Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04DLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 6TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04ELA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 8TB HDD 7.2K 3.5" SATA6Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	1x 3x FHHL1x x8/x8/x8	1x Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04FLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 6TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	1x 3x FHHL1x x8/x8/x8	1x Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A04GLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	6x 4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	1x 3x FHHL1x x8/x8/x8	1x Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04HLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	8x 4TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04JLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x 4TB HDD 7.2K 3.5" SAS12Gbps	2x 128GB SSD M.2 SATA	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP, 2x M.2	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A04KLA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	2x 480GB SSD SATA6Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	1x 3x FHHL1x x8/x8/x8	1x Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X99A00VLA	ThinkSystem SR590	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A017LA	ThinkSystem SR590	LA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X991001LA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	6x4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x750W Platinum	None	3-year	02/18
7X991002LA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	8x4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x750W Platinum	None	3-year	02/18
7X991003LA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x4TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x750W Platinum	None	3-year	02/18
7X991004LA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x6TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x750W Platinum	None	3-year	02/18

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X991005LA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	12x8TB HDD 7.2K 3.5" SAS12Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x750W Platinum	None	3-year	02/18
7X991006LA	ThinkSystem SR590	LA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	2x480GB SSD SATA6Gbps	None	2x GbE RJ-45, 1x Mgmt	2x GbE RJ-45 LOM	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x750W Platinum	None	3-year	02/18

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A003NA	ThinkSystem SR590	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A009NA	ThinkSystem SR590	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A006NA	ThinkSystem SR590	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00JNA	ThinkSystem SR590	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00GNA	ThinkSystem SR590	NA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00HNA	ThinkSystem SR590	NA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A00TNA	ThinkSystem SR590	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01MNA	ThinkSystem SR590	NA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01SNA	ThinkSystem SR590	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01RNA	ThinkSystem SR590	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17

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Model	Product	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X99A02ZNA	ThinkSystem SR590	NA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02KNA	ThinkSystem SR590	NA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02CNA	ThinkSystem SR590	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	12x 3.5"	8x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A028NA	ThinkSystem SR590	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	Onboard Intel RSTe	12x 3.5"	8x 3.5" SATA SS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x550W Platinum	None	3-year	11/17
7X99A02HNA	ThinkSystem SR590	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A02JNA	ThinkSystem SR590	NA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL, 2x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	11/17
7X99A023NA	ThinkSystem SR590	NA	2x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL, 2x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	11/17
7X99A020NA	ThinkSystem SR590	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A01VNA	ThinkSystem SR590	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17
7X99A030NA	ThinkSystem SR590	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	2x GbE RJ-45, 1x Mgmt	None	1x LOM, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	11/17

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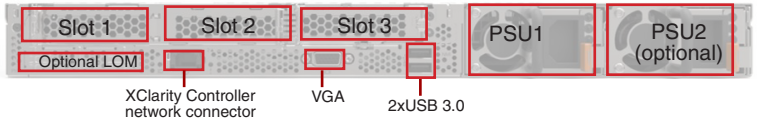
ThinkSystem SR630 Platform Specifications

Components	Specification
Form factor	1U rack
Dimensions	Height: 43 mm (1.7 in). Width: 482 mm (19.0 in) with rack latches. Depth: 778.3 mm (30.64 in)
Weight	Maximum configuration: 41.9 lb (19 kg)
Processor	Up to two 205W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 28 cores at 2.5GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s
Chipset	Intel C624 Platform Controller Hub
Memory	Up to 24 DIMM sockets. Each processor supports up to 12 DIMM sockets with 6 channels. DDR4-2666. RDIMMs, LRDIMMs, 3DS RDIMMs are supported, but memory types cannot be intermixed
Memory capacity	Up to 768GB with 24 x 32 GB RDIMMs and two processors. Or up to 1.5TB with 24 x 64 GB LRDIMMs and two processors. Or up to 3TB with 24 x 128 GB 3DS LRDIMMs and two -M suffix processors. -M suffix processor supports 1.5TB memory per socket, non -M suffix processor supports 768GB memory per socket
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	One dedicated internal RAID slot for most RAID/HBA adapters. Supports the following RAID/HBA adapters: Feature / Interface / Drive type / RAID levels / JBOD / Cache / Cache protection / FastPath / Max qty 530-8i / 12Gbps SAS / SATA/SAS / 0/1/10/5/50 / Yes / None / None / Yes / 1 730-8i / 12Gbps SAS / SATA/SAS / 0/1/10/5/50 / Yes / 1GB / None / No / 1 930-8i / 12Gbps SAS / SATA/SAS / 0/1/10/5/50/6/60 / Yes / 2GB / Flash backup / Yes / 1 930-16i / 12Gbps SAS / SATA/SAS / 0/1/10/5/50/6/60 / Yes / 4GB / Flash backup / Yes / 1 430-8i / 12Gbps SAS / SATA/SAS / - / Yes / None / None / - / 1 430-16i / 12Gbps SAS / SATA/SAS / - / Yes / None / None / - / 1 930-8e / 12Gbps SAS / SATA/SAS / 0/1/10/5/50/6/60 / Yes / 4GB / Flash backup / Yes / 2 430-8e / 12Gbps SAS / SATA/SAS / - / Yes / None / None / - / 2 430-16e / 12Gbps SAS / SATA/SAS / - / Yes / None / None / - / 2 *Note: 730-8i is available in China only. 930-8e, 430-8e, and 430-16e will be placed in slot 2 firstly.*
Disk drive bays	Supports 4 front 3.5" SATA/SAS HS bays, or 8 front 2.5" SATA/SAS HS bays, or 10 front 2.5" SATA/SAS HS bays with 4 AnyBay support, or 10 front 2.5" AnyBay Optional 2 rear 2.5" HS bays are supported on 10 x 2.5" model, takes place in riser card 1 location. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring
Internal storage	For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray): 3.5" HDD, SATA6Gbps, 7.2K: 1TB/2TB/4TB/6TB/8TB/10TB; 3.5" HDD, SAS12Gbps, 7.2K: 1TB/2TB/4TB/4TB SED FIPS/6TB/10TB; 2.5" HDD, SAS12Gbps, 15K: 300GB/600GB; 2.5" SSD, SATA6Gbps: 240GB/480GB For 2.5" bay: 2.5" HDD, SATA6Gbps, 7.2K: 1TB/2TB; 2.5" HDD, SAS12Gbps, 7.2K: 1TB/2TB; 2.5" HDD, SAS12Gbps, 10K: 300GB/300GB SED/600GB/600GB SED/900GB/1.2TB/1.8TB; 2.5" HDD, SAS12Gbps, 15K: 300GB/600GB/900GB; 2.5" SSD, SAS12Gbps: 400GB/800GB/3.84TB/7.68TB; 2.5" SSD, SATA6Gbps: 240GB/480GB; 2.5" NVMe SSD, AnyBay: 800GB/960GB/1.6TB/1.92TB/3.84TB PCIe 3.0 x4, HHHL adapter: NVMe SSD: 1.6TB/1.92TB/3.2TB/3.84TB M.2 boot drive: M.2 SATA SSD: 32GB/128GB/480GB
Optical	No internal optical bay. Optional USB DVD±RW optical drive
Network interfaces	One dedicated management port. One LOM slot for customized LOM with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on Port 0 of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot.
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.4/7.3/6.9. SUSE Linux Enterprise Server 12 SP3/12 SP2/11 SP4. VMware ESXi 6.5U1/6.5/6.0 U3
Systems management	XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials. Light Path Diagnostics

Components	Specification
GPU support	Up to one optional GPU, requires riser card with PCIe x16 full height slot. Supports NVIDIA Quadro P2000
Base warranty	MT 7X01: 1-year limited onsite service with 9x5/NBD MT 7X02: 3-year limited onsite service with 9x5/NBD
Power supply	Up to two redundant hot-swap 550W/750W/1100W 80 PLUS Platinum qualified power supplies. Or up to two redundant hot-swap 750W Titanium qualified power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V
Video	Integrated Matrox G200 in XClarity Controller
Cooling	Five fans (4+1) for single processor model, seven fans (6+1) for dual processor model
Front ports	One XClarity Controller USB connector, one USB 3.0, one optional VGA
Rear ports	One VGA, two USB 3.0, one XClarity Controller network connector. Optional COM port
Environmental specification	Supports ASHRAE A4 with limitations. Temperature - operating: A4: 5°C to 45°C (41°F to 113°F); A3: 5°C to 40°C (41°F to 104°F); A2: 10°C to 35°C (50°F to 95°F) Temperature - non operating (no package): -10°C to 60°C (14°F to 140°F) Temperature - non operating (with package): -40°C to 70°C (-40°F to 158°F) Altitude - operating: (Unpressurized): 0-10000ft (0-3048m) Humidity - operating, non-condensing: A4: 8%~90%. A3:8%~85%. A2:8%~80% Humidity - storage (with package), non-condensing: 8%~90% *Models should meet the following requirements to support A3 and A4:* • *Processors with TDP higher than or equal to 150-Watt and Xeon 4112, 5122, 6126, 6128, 6132, 6134, 6134M, and 8156 processors not installed* • *Both NVMe 2.5" SSD and NVMe PCIe adapter not installed* • *GPU not installed* • *Must have redundant PSU* • *RAID super capacitor module cannot be installed on the bottom of the air baffle, but only can be installed on the chassis.*
Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Expansion slots

Slot 1-2 (riser card 1)	Supports one of the following for riser card 1: Option 1: PCIe 3.0 x8/x16 (slot 1-2). Low profile for x8, low profile or full height half length for x16 Option 2: PCIe 3.0 x8 ML2/x16 (slot 1-2). Low profile for x8 ML2, low profile or full height half length for x16 Option 3: PCIe 3.0 x16 ML2/x8 (slot 1-2). Low profile for x16 ML2, low profile or full height half length for x8 Option 4: 2x 2.5" drive bay, for 10 x 2.5" model only
Slot 3 (riser card 2)	PCIe 3.0 x 16, low profile, requires 2nd CPU. When slot 2 is full height, slot 3 cannot be used

System unique options

7XH7A05896	Lenovo SR530/SR570/SR630 2.5" SATA/SAS 8-Bay Backplane Kit
7XH7A05893	Lenovo SR530/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit
7XH7A05895	Lenovo SR630 x16ML2/x8 PCIe LP+FH Riser 1 Kit
7XH7A05894	Lenovo SR630 x8ML2/x16 PCIe LP+FH Riser 1 Kit
7XH7A02682	Lenovo SR530/SR570/SR630 x8/x16 PCIe LP+LP Riser 1 Kit
7XH7A02683	Lenovo SR630 x8ML2/x16 PCIe LP+LP Riser 1 Kit
7XH7A02684	Lenovo SR630 x16ML2/x8 PCIe LP+LP Riser 1 Kit
7XH7A02685	Lenovo SR530/SR570/SR630 x16 PCIe LP Riser 2 Kit
7XH7A06252	Lenovo SR630 Rear HDD Kit
7Z17A02577	Lenovo COM Port Upgrade Kit
7Z17A02579	Lenovo SR530/SR570/SR630 Front VGA Connector Upgrade Kit
7Z17A02581	Lenovo 1U Security Bezel

Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X021006AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	12/17
7X021007AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17
7X021008AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17
7X021009AU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17
7X02100AAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17
7X02100BAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 1100W Platinum	None	3-year	09/17
7X02100CAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 1100W Platinum	None	3-year	09/17
7X02100DAU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17
7X02100EAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17
7X02100FAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02100GAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17
7X02100HAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	09/17
7X02100JAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 1100W Platinum	None	3-year	09/17
7X02100KAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x 1100W Platinum	None	3-year	09/17
7X02100LAU	ANZ	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	4x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	USB DVD±RW	TPM 1.2	XClarity Advanced	2x 750W Titanium	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02100SBR	Brazil	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	None	XClarity Enterprise	2x 550W Platinum	None	3-year	04/18
7X02100TBR	Brazil	2x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	None	XClarity Enterprise	2x 550W Platinum	None	3-year	04/18

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X021002LA	Chile	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	09/17
7X021003LA	Chile	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 550W Platinum	None	3-year	09/17
7X021004LA	Chile	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02100PLA	Colombia	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	1x 550W Platinum	None	3-year	01/18
7X02100QLA	Colombia	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	01/18

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A006EA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A008EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A00QEA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A00HEA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A01QEA	EMEA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	2x 32GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID , 2x M.2	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17
7X02A03TEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	3x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17
7X02A02VEA	EMEA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	2x 32GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID , 2x M.2	1x PCIe x8 LP, 2x PCIe x16 LP	None	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17
7X02A05AEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	3x 1.2TB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17
7X02A056EA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A054EA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A051EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	2x 32GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID, 2x M.2	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17
7X02A04WEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A04KEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A04GEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A04DEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A049EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17
7X02A048EA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	07/17
7X02A03VEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A042EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A066EA	EMEA	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A067EA	EMEA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X02A057EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A06PEA	EMEA	1x Xeon Gold 6132 14C/2.6GHz/19.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17
7X02A06QEA	EMEA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17
7X02A06REA	EMEA	1x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17
7X02A06SEA	EMEA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17
7X02A06TEA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17
7X02A06UEA	EMEA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17
7X02A06VEA	EMEA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17
7X02A06WEA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A06XEA	EMEA	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 1100W Platinum	None	3-year	12/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A06ECN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x ML2 x16 LP. 1x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	10/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A02CJP	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X02A01WJP	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X02A02RJP	JAPAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X02A02SJP	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X02A02TJP	JAPAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02100RLA	LA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	2x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x750W Platinum	None	3-year	03/18
7X02A038LA	LA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A02LLA	LA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A03UNA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	None	8x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A04YNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	None	8x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X02A04JNA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	None	8x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A00ZAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A01SAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01UAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A020AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A022AU	ANZ	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A023AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01XAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A026AU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A02MAU	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A02PAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A030AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A032AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A033AU	ANZ	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A034AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A035AU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03DAU	ANZ	2x Xeon Gold 6154 18C/3.0GHz/24.75MB/200W/DDR4-2666	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A03EAU	ANZ	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03FAU	ANZ	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03GAU	ANZ	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03HAU	ANZ	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A03JAU	ANZ	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03KAU	ANZ	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03LAU	ANZ	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03MAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03NAU	ANZ	1x Xeon Gold 6126T 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03PAU	ANZ	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03SAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03TAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	3x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	08/17
7X02A040AU	ANZ	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A041AU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A042AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A03VAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A048AU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	08/17
7X02A049AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	08/17
7X02A04AAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04DAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A04FAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04GAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A04HAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04LAU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A04KAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A04RAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A04UAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04WAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A04XAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A050AU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A051AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	2x 32GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID , 2x M.2	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	08/17
7X02A054AU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	2x 750W Platinum	None	3-year	08/17
7X02A055AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A056AU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A058AU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A059AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17
7X02A057AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Enterprise	1x 750W Platinum	None	3-year	08/17

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7X02A00FSG	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00KSG	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00LSG	ASEAN	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A00MSG	ASEAN	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A00NSG	ASEAN	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A00SSG	ASEAN	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A001SG	ASEAN	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00BSG	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A00DSG	ASEAN	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17

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7X020001CN	CHINA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4), Memory Sparing	1x 930-16i 4GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	8x 600GB HDD 15K 2.5" SAS12Gbps	2x 480GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID, 2x M.2	1x PCIe x16 LP	None	None	None	XClarity Standard	1x 1100W Platinum	None	3-year	11/17
7X02A061CN	CHINA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 128GB 3DS RDIMM DDR4-2666 (8Rx4), Memory Sparing	1x 730-8i 1GB	8x 2.5"	8x 2.5" SATA/SAS HS	6x 600GB HDD 15K 2.5" SAS12Gbps	2x 480GB SSD M.2 SATA	None	None	1x Mgmt	None	1x 32Gb SFP+	1x LOM, 1x RAID, 2x M.2	1x PCIe x16 LP	None	None	None	XClarity Standard	1x 1100W Platinum	None	3-year	11/17
7X02A068CN	CHINA	1x Xeon Gold 5120T 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (2Rx8), Memory Sparing	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	1x 32Gb SFP+	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	None	XClarity Standard	1x 1100W Platinum	None	3-year	11/17

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7X02A00EEA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00CEA	EMEA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A002EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A003EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A004EA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A005EA	EMEA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A007EA	EMEA	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A009EA	EMEA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00AEA	EMEA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00PEA	EMEA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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7X02A00REA	EMEA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00GEA	EMEA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00JEA	EMEA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A06AEA	EMEA	1x Xeon Gold 6132 14C/2.6GHz/19.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7X02A06CEA	EMEA	1x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7X02A052EA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04VEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03ZEA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04TEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04BEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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7X02A03WEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A043EA	EMEA	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A044EA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A045EA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A046EA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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7X02A02KCN	Hong Kong	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A028CN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01YCN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A02ACN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A02BCN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01RCN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01TCN	HTK	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A019CN	HTK	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A036CN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A037CN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03ACN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A03QCN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03RCN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A010CN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A011CN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04ZCN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A047CN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03XCN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03YCN	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04CCN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04ECN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A04SCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04MCN	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04NCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04PCN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A04QCN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A053CN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A00USG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A00WSG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A017SG	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	4x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A01FSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A01GSG	INDIA	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A01HSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A01JSG	INDIA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A02ZSG	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A02WSG	INDIA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X02A01CSG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A027SG	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A024JP	JAPAN	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Advanced	1x 1100W Platinum	None	3-year	07/17
7X02A025JP	JAPAN	1x Xeon Platinum 8176M 28C/2.1GHz/38.5MB/165W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A02NJP	JAPAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X02A012JP	JAPAN	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X02A06JJP	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7X02A06KJP	JAPAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7X02A06LJP	JAPAN	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7X02A06MJP	JAPAN	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	11/17
7X02A06NJP	JAPAN	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 750W Platinum	None	3-year	11/17
7X02A05DJP	JAPAN	2x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	2x 16GB RDIMM DDR4-2666 (2Rx8)	None	8x 2.5"	None	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A05EJP	JAPAN	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	8x 2.5"	None	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A05KJP	JAPAN	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	8x 2.5"	None	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A05ZJP	JAPAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	None	None	TPM 1.2	XClarity Advanced	1x 550W Platinum	None	3-year	08/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A078LA	LA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	12x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	3x 800GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X02A079LA	LA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	12x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	3x 400GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X02A07ALA	LA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	12x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	4x 800GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X02A07BLA	LA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	24x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	10x 800GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 1100W Platinum	None	3-year	04/18
7X02A07CLA	LA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	12x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	4x 400GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X02A07DLA	LA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	24x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	10x 400GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 1100W Platinum	None	3-year	04/18
7X02A07ELA	LA	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	12x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	6x 800GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X02A07FLA	LA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	12x 64GB LRDIMM DDR4-2666 (4Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	7x 400GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X02A07GLA	LA	2x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	12x 16GB RDIMM DDR4-2666 (2Rx8), 12x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	5x 800GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18
7X02A07HLA	LA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	12x 16GB RDIMM DDR4-2666 (2Rx8), 12x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	6x 400GB SSD SAS12Gbps	None	None	None	1x Mgmt	4x GbE RJ-45 PCIe, 2x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 2.0	XClarity Enterprise	2x 750W Platinum	None	3-year	04/18

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A05MLA	LA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A05CLA	LA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01KLA	LA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A02JLA	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A02ELA	LA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A02FLA	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X02A02GLA	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A02HNA	NA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A029NA	NA	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 2x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A02DNA	NA	1x Xeon Gold 6126T 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01ZNA	NA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01VNA	NA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01ANA	NA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03BNA	NA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A03CNA	NA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A039NA	NA	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A02XNA	NA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A01LNA	NA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	1x Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01MNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	1x Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01PNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	1x Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A072NA	NA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	12x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	8x 480GB SSD SATA6Gbps, 2x 800GB SSD SAS12Gbps	2x 128GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID , 2x M.2	None	None	None	TPM 2.0	XClarity Standard	2x 750W Platinum	Windows Server 2016 Standard, SQL Server 2016 Standard	3-year	02/18
7X02A073NA	NA	2x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	12x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	2x 300GB HDD 10K 2.5" SAS12Gbps, 4x 480GB SSD SATA6Gbps 4x 1.92TB SSD U.2	2x 128GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID , 2x M.2	None	None	None	TPM 1.2	XClarity Standard	2x 750W Platinum	None	3-year	02/18
7X02A074NA	NA	2x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	12x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	4x 1.92TB SSD U.2, 2x 300GB HDD 10K 2.5" SAS12Gbps, 4x 480GB SSD SATA6Gbps	2x 128GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID , 2x M.2	None	None	None	TPM 1.2	XClarity Standard	2x 750W Platinum	Windows Server 2016 Standard, SQL Server 2016 Standard	3-year	04/18
7X02A075NA	NA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	12x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	10x 2.5"	10x 2.5" HS (6 SATA/SAS, 4 AnyBay)	2x 800GB SSD SAS12Gbps, 8x 480GB SSD SATA6Gbps	2x 128GB SSD M.2 SATA	None	None	1x Mgmt	None	None	1x LOM, 1x RAID , 2x M.2	None	None	None	TPM 2.0	XClarity Standard	2x 750W Platinum	None	3-year	04/18

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A018CN	Taiwan	1x Xeon Gold 6140M 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00XCN	Taiwan	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00YCN	Taiwan	1x Xeon Platinum 8156 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00VCN	Taiwan	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	8x 2.5"	None	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 LP	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A00TCN	Taiwan	1x Xeon Gold 6132 14C/2.6GHz/19.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A013CN	Taiwan	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A014CN	Taiwan	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A015CN	Taiwan	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A016CN	Taiwan	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A02QCN	Taiwan	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X02A01BCN	Taiwan	1x Xeon Gold 6138T 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01DCN	Taiwan	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X02A01ECN	Taiwan	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	8x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x NVIDIA Quadro 2000 5GB	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID	1x PCIe x8 LP, 1x PCIe x16 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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ThinkSystem SR650 Platform Specifications

Components	Specification
Form factor	2U rack
Dimensions	Height: 86.5 mm (3.4 in). Width: 482 mm (19.0 in) with rack latches. Depth: 763.7 mm (30.1 in)
Weight	Maximum configuration: 70.54 lb (32 kg)
Processor	Up to two 205W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 28 cores at 2.5GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s
Chipset	Intel C624 Platform Controller Hub
Memory	Up to 24 DIMM sockets. Each processor supports up to 12 DIMM sockets with 6 channels. DDR4-2666. RDIMMs, LRDIMMs, 3DS RDIMMs are supported, but memory types cannot be intermixed
Memory capacity	Up to 768GB with 24 x 32 GB RDIMMs and two processors. Or up to 1.5TB with 24 x 64 GB LRDIMMs and two processors. Or up to 3TB with 24 x 128 GB 3DS LRDIMMs and two -M suffix processors. -M suffix processor supports 1.5TB memory per socket, non -M suffix processor supports 768GB memory per socket
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	One dedicated internal RAID slot for most RAID/HBA adapters.

Feature	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath	Max qty
530-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50	Yes	None	None	Yes	2
730-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50	Yes	1GB	None	No	3
930-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	2GB	Flash backup	Yes	3
930-16i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
930-24i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
430-8i	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	3
430-16i	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	1
930-8e	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	5
430-8e	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	5
430-16e	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	5

Note: 730-8i is available in China only. 930-8e, 430-8e, and 430-16e will be placed in slot 4 firstly. 930-24i will be placed in slot 1 firstly.

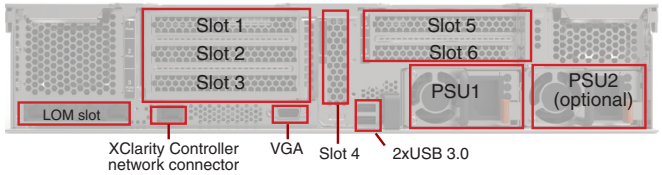
Disk drive bays	Supports 8 front 3.5" SATA/SAS HS bays, or 12 front 3.5" SATA/SAS HS bays with maximum 4 AnyBay, or 8 front 2.5" SATA/SAS HS bays with maximum 4 AnyBay, or 16 front 2.5" SATA/SAS HS bays with maximum 8 AnyBay, or 24 front 2.5" SATA/SAS HS bays with maximum 4 AnyBay. Optional 2 rear 3.5" HS bays are supported on 12 x 3.5" model, takes place in riser card 1 location. Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring		
Internal storage	For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	3.5" HDD, SATA6Gbps, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
		3.5" HDD, SAS12Gbps, 7.2K	1TB/2TB/4TB/4TB SED FIPS/6TB/10TB
		2.5" HDD, SAS12Gbps, 15K	300GB/600GB
		2.5" SSD, SATA6Gbps	240GB/480GB
		2.5" NVMe SSD, AnyBay	960GB/1.92TB/3.84TB
	For 2.5" bay	2.5" HDD, SATA6Gbps, 7.2K	1TB/2TB
		2.5" HDD, SAS12Gbps, 7.2K	1TB/2TB
		2.5" HDD, SAS12Gbps, 10K	300GB/300GB SED/600GB/600GB SED/900GB/ 1.2TB/1.8TB
		2.5" HDD, SAS12Gbps, 15K	300GB/600GB/900GB
		2.5" SSD, SAS12Gbps	400GB/800GB/3.84TB/7.68TB
		2.5" SSD, SATA6Gbps	240GB/480GB
		2.5" NVMe SSD, AnyBay	800GB/960GB/1.6TB/1.92TB/3.84TB
	PCIe 3.0 x4, HHHL adapter	NVMe SSD	1.6TB/1.92TB/3.2TB/3.84TB
	M.2 boot drive	M.2 SATA SSD	32GB/128GB/480GB
Optical	No internal optical bay. Optional USB DVD±RW optical drive		
Network interfaces	One dedicated management port. One LOM slot for customized LOM with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on Port 0 of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot.		
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel		
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.4/7.3/6.9. SUSE Linux Enterprise Server 12 SP3/12 SP2/11 SP4. VMware ESXi 6.5U1/6.5/6.0 U3		
Systems management	XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials. Light Path Diagnostics		
GPU support	Up to two optional GPU, requires riser card with PCIe x16 slot. 2nd GPU requires 2nd CPU. Supports Intel Xeon Phi 7240P, NVIDIA Quadro M60, or Quadro P100		

Components	Specification
Base warranty	MT 7X05: 1-year limited onsite service with 9x5/NBD MT 7X06: 3-year limited onsite service with 9x5/NBD
Power supply	Up to two redundant hot-swap 550W/750W/1100W/1600W 80 PLUS Platinum qualified AC power supplies. Or up to two redundant hot-swap 750W Titanium qualified AC power supplies. 750W Titanium and 1600W Platinum are 200V - 240V, others are 100V - 240V
Video	Integrated Matrox G200 in XClarity Controller
Cooling	Five fans (4+1) for single processor model, six fans (5+1) for dual processor model
Front ports	One XClarity Controller USB connector, one USB 3.0, one optional VGA
Rear ports	One VGA, two USB 3.0, one XClarity Controller network connector. Optional COM port
Environmental specification	Supports ASHRAE A4 with limitations.

Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)
Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)
Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:8%~80%
Humidity - storage (with package), non-condensing	8%~90%

Models should meet the following requirements to support A3 and A4:
- *NVMe drives not installed*
- *PCIe flash adapter not installed*
- *Graphic processing unit (GPU) not installed*
- *Must have redundant PSU*
- *Certain processors not installed:*
  - *Processors with TDP more than or equal to 150-watt not installed*
  - *On 16 x 2.5", 24 x 2.5", and 12 x 3.5" models, the following processors not installed: Intel Xeon 4112, 5122, 6126, 6128*, 6132*, 6134, 6134M*, and 8156 processors (Processors marked with * will be available later)*

Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Expansion slots

Slot 1-3 (riser card 1)	Supports one of the following for riser card 1: Option 1: PCIe 3.0 x8/x8/x8 (slot 1-3). Full height, half length. Option 2: PCIe 3.0 x16/x8 (slot 1 and 3). Full height, full length for x16. Full height, half length for x8 Option 3: PCIe 3.0 x8/x8/x8 ML2 (slot 1-3). Full height, half length Option 4: PCIe 3.0 x8/x16 ML2 (slot 1 and 3). Full height, half length Option 5: Two rear 3.5" disk bays, 12 x 3.5" models only
Slot 4 (onboard)	PCIe 3.0 x8, low profile
Slot 5 (riser card 2)	PCIe 3.0 x16, full height, full length, requires 2nd CPU
Slot 6 (riser card 2)	PCIe 3.0 x16, full height, half length, requires 2nd CPU

System unique options

7XH7A06253	ThinkSystem SR590/SR650 Rear HDD Kit
7XH7A02681	ThinkSystem SR650 x8/x16ML2 PCIe FH Riser 1 Kit
7XH7A02680	ThinkSystem SR550/SR590/SR650 x8/x8/x8ML2 PCIe FH Riser 1 Kit
7XH7A02678	ThinkSystem SR550/SR590SR650 x16/x8 PCIe FH Riser 1 Kit
7XH7A02677	ThinkSystem SR550/SR590/SR650 x8/x8/x8 PCIe FH Riser 1 Kit
7XH7A02679	ThinkSystem SR550/SR590/SR650 x16/x8(or x16) PCIe FH Riser 2 Kit
7XH7A06251	ThinkSystem SR650 2.5" AnyBay 8-Bay Backplane Kit
7XH7A06254	ThinkSystem SR550/SR650 2.5" SATA/SAS 8-Bay Backplane Kit
7Z17A02578	ThinkSystem SR550/SR590/SR650 EIA Latch w/ VGA Upgrade Kit
7Z17A02580	ThinkSystem 2U Security Bezel
7Z17A02577	ThinkSystem COM Port Upgrade Kit
7XH7A05899	ThinkSystem SR650 2nd GPU Upgrade Kit
7XH7A05897	ThinkSystem SR650 GPU Thermal Kit
7XH7A05898	ThinkSystem SR650(GPU) 1U Heatsink Option Kit

Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X061001AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	09/17
7X061002AU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	09/17
7X061003AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	09/17
7X061004AU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	09/17
7X061005AU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	09/17
7X061006AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	09/17
7X061007AU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	09/17
7X061008AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	09/17
7X061009AU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	09/17
7X06100AAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06100BAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	09/17
7X06100CAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-24i 4GB Flash	24x 2.5"	24x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	09/17
7X06100DAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-24i 4GB Flash	24x 2.5"	24x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	09/17
7X06100EAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-24i 4GB Flash	24x 2.5"	24x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	09/17
7X06100FAU	ANZ	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	4x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	USB DVD±RW	TPM 1.2	XClarity Advanced	2x1100W Platinum	None	3-year	09/17
7X06A05ZAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A060AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A061AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A062AU	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A063AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A064AU	ANZ	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A065AU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A066AU	ANZ	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1600W Platinum	None	3-year	07/17
7X06A067AU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A069AU	ANZ	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A06AAU	ANZ	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A06BAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A06CAU	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A06DAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A08JAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	10/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A08KAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	10/17
7X06A08LAU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	10/17
7X06A08MAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	10/17
7X06A08NAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	10/17
7X06A08QAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	10/17
7X06A08GAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	10/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06100NBR	Brazil	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Enterprise	2x550W Platinum	None	3-year	04/18
7X06100PBR	Brazil	2x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	04/18

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06100GLA	Chile	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x750W Platinum	None	3-year	09/17
7X06100HLA	Chile	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Enterprise	2x750W Platinum	None	3-year	09/17
7X06100JLA	Chile	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	2x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06100LLA	Colombia	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	1x 550W Platinum	None	3-year	01/18
7X06100MLA	Colombia	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	2x 10GbE RJ-45 PCIe, 4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	2x 1100W Platinum	None	3-year	01/18

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A00KEA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A00LEA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A00NEA	EMEA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A00PEA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A010EA	EMEA	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A011EA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A013EA	EMEA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A014EA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A01AEA	EMEA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A01BEA	EMEA	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1600W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A01HEA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A01NEA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A01REA	EMEA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A01SEA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A047EA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	07/17
7X06A048EA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	07/17
7X06A049EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	3x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	07/17
7X06A04AEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	3x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	07/17
7X06A04BEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	3x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	07/17
7X06A04CEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A04DEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04EEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A04FEA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04GEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	2x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	07/17
7X06A04HEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	12x 3.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04JEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04KEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A04LEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04MEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04NEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	3x 300GB HDD 10K 2.5" SAS12Gbps	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A04PEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04QEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04REA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A04SEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A04TEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A04UEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 930-8i 2GB Flash	12x 3.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A08HEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	10/17
7X06A08YEA	EMEA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A08ZEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	12/17
7X06A090EA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A091EA	EMEA	2x Xeon Gold 6154 18C/3.0GHz/24.75MB/200W/DDR4-2666	2x 32GB RDIMM DDR4-2666 (2Rx4)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A092EA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A093EA	EMEA	1x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A094EA	EMEA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A095EA	EMEA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A096EA	EMEA	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A097EA	EMEA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A098EA	EMEA	1x Xeon Gold 6132 14C/2.6GHz/19.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	12/17
7X06A08PEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	10/17
7X06A07YEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	2x750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A07ZEA	EMEA	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	09/17
7X06A080EA	EMEA	1x Xeon Gold 6154 18C/3.0GHz/24.75MB/200W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	09/17
7X06A081EA	EMEA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A01MJP	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	12x 3.5"	None	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x550W Platinum	None	3-year	07/17
7X06A02BJP	JAPAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x550W Platinum	None	3-year	07/17
7X06A05AJP	JAPAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x550W Platinum	None	3-year	07/17
7X06A05BJP	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06100KLA	LA (except Chile)	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	24x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x8 FHHL	Front VGA	None	TPM 2.0	XClarity Standard	2x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A04ZNA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A057NA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17
7X06A05XNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Enterprise	1x750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A009CN	Taiwan	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A01DCN	Taiwan	1x Xeon Gold 5120T 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A027CN	Taiwan	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A01KCN	Taiwan	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A01LCN	Taiwan	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A04WAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	07/17
7X06A050AU	ANZ	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A051AU	ANZ	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A052AU	ANZ	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A054AU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A04YAU	ANZ	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A059AU	ANZ	1x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A05CAU	ANZ	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	24x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A05DAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05GAU	ANZ	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A05HAU	ANZ	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05RAU	ANZ	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A05SAU	ANZ	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05NAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05PAU	ANZ	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A068AU	ANZ	1x Xeon Gold 6126T 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A06FAU	ANZ	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06GAU	ANZ	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06HAU	ANZ	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06JAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A06KAU	ANZ	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06LAU	ANZ	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06MAU	ANZ	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06PAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X06A06QAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A06RAU	ANZ	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06SAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A06TAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A06UAU	ANZ	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06VAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A06WAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	None	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A06XAU	ANZ	1x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06YAU	ANZ	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A06ZAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A034SG	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	07/17
7X06A03FSG	ASEAN	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	07/17
7X06A03JSG	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	07/17
7X06A03TSG	ASEAN	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	07/17
7X06A03USG	ASEAN	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	07/17
7X06A03VSG	ASEAN	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	07/17
7X06A03RSG	ASEAN	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	07/17
7X06A03XSG	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	07/17
7X06A042SG	ASEAN	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Extension Slots	Available Extension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A03HEA	EMEA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A041EA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A03SEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A03WEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A03LEA	EMEA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A03MEA	EMEA	1x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A03NEA	EMEA	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A03PEA	EMEA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A03QEA	EMEA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A033EA	EMEA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	24x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	1x PCIe x16 FHFL, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A03EEA	EMEA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A035EA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X06A036EA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A037EA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A038EA	EMEA	2x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	24x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Enterprise	1x1100W Platinum	None	3-year	07/17
7X06A03AEA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A03BEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A03CEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02SEA	EMEA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A02WEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A02XEA	EMEA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02YEA	EMEA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A08AEA	EMEA	1x Xeon Gold 6144 8C/3.5GHz/24.75MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	11/17
7X06A08BEA	EMEA	1x Xeon Gold 6132 14C/2.6GHz/19.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	11/17
7X06A08CEA	EMEA	1x Xeon Gold 6146 12C/3.2GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	11/17
7X06A08DEA	EMEA	1x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	11/17
7X06A044EA	EMEA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A045EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A083CN	Hong Kong	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	09/17
7X06A084CN	Hong Kong	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-24i 4GB Flash	24x 2.5"	24x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	09/17
7X06A085CN	Hong Kong	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	09/17
7X06A086CN	Hong Kong	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	09/17
7X06A087CN	Hong Kong	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-24i 4GB Flash	24x 2.5"	24x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	09/17
7X06A088CN	Hong Kong	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-24i 4GB Flash	24x 2.5"	24x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A04XCN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A053CN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A055CN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05QCN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05TCN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05UCN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05VCN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05WCN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05KCN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05LCN	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A05MCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05ECN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A05FCN	HTK	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02FCN	HTK	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02JCN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02KCN	HTK	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02LCN	HTK	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02QCN	HTK	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A04VCN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A01TCN	HTK	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A01UCN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A01VCN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A01YCN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A020CN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A021CN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A01QCN	HTK	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00ZCN	HTK	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00QCN	HTK	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00UCN	HTK	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00MCN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A00GCN	HTK	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00ECN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A007CN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A003CN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A005CN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A00FSG	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X06A00ASG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00CSG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	12x 3.5"	None	None	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00JSG	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X06A00WSG	INDIA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A00XSG	INDIA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A00YSG	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00RSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00SSG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A00TSG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A01JJPJAPAN		1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x550W Platinum	None	3-year	07/17
7X06A05JJPJAPAN		1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-24i 4GB Flash	24x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)2x8 x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x1600W Platinum	None	3-year	07/17
7X06A058JP	JAPAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	07/17
7X06A05YJP	JAPAN	1x Xeon Platinum 8180 28C/2.5GHz/38.5MB/205W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	07/17
7X06A056JP	JAPAN	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-24i 4GB Flash	24x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)2x8 x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	07/17
7X06A07TJP	JAPAN	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x550W Platinum	None	3-year	08/17
7X06A07UJP	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	12x 3.5"	12x 3.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	08/17
7X06A09LJP	JAPAN	2x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	2x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	2x PCIe x16 FHFL, 1x PCIe x16 FHHL, 1x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	2x1600W Platinum	None	3-year	02/18
7X06A09MJP	JAPAN	2x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	2x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x 10GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	2x PCIe x16 FHFL, 1x PCIe x16 FHHL, 1x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	2x1600W Platinum	None	3-year	02/18
7X06A08RJP	JAPAN	1x Xeon Gold 6136 12C/3.0GHz/24.75MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	11/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A08SJP	JAPAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17
7X06A08TJP	JAPAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17
7X06A08UJP	JAPAN	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	11/17
7X06A08VJP	JAPAN	1x Xeon Gold 6154 18C/3.0GHz/24.75MB/200W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x1100W Platinum	None	3-year	11/17
7X06A08WJP	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Advanced	1x750W Platinum	None	3-year	11/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expension Slots	Available Expension Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A02NLA	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A02ALA	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A023LA	LA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A026LA	LA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A01WLA	LA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A00VLA	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A01CLA	LA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A016LA	LA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A006LA	LA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A008LA	LA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	Front VGA	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A03KNA	NA	1x Xeon Gold 6148 20C/2.4GHz/27.5MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A03GNA	NA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A03DNA	NA	1x Xeon Platinum 8164 26C/2.0GHz/35.75MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A039NA	NA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02CNA	NA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	None	24x 2.5"	None	None	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	Front VGA	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A02ZNA	NA	1x Xeon Gold 6152 22C/2.1GHz/30.25MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A030NA	NA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A031NA	NA	1x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A032NA	NA	1x Xeon Gold 6142 16C/2.6GHz/22MB/150W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A02TNA	NA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A02UNA	NA	1x Xeon Gold 6150 18C/2.7GHz/24.75MB/165W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A02VNA	NA	1x Xeon Gold 6140 18C/2.3GHz/24.75MB/140W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A03ZNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X06A040NA	NA	1x Xeon Gold 6134 8C/3.2GHz/24.75MB/130W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 1100W Platinum	None	3-year	07/17
7X06A043NA	NA	2x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	2x 32GB RDIMM DDR4-2666 (2Rx4)	1x 430-16i	24x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)8 x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Enterprise	2x1100W Platinum	None	3-year	07/17
7X06A09NNA	NA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	24x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	4x 800GB SSD SAS12Gbps, 2x 480GB SSD SATA6Gbps	None	4x 3.84TB PCIe 3.0 x4 HHHL	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	2x PCIe x8 FHHL, 1x ML2 x8 FHHL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	2x 1100W Platinum	None	3-year	04/18
7X06A09FNA	NA	2x Xeon Platinum 8176 28C/2.1GHz/38.5MB/165W/DDR4-2666	24x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	4x 800GB SSD SAS12Gbps, 2x 480GB SSD SATA6Gbps	None	4x 3.84TB PCIe 3.0 x4 HHHL	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	2x PCIe x8 FHHL, 1x ML2 x8 FHHL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	2x 1100W Platinum	None	3-year	02/18
7X06A09GNA	NA	2x Xeon Platinum 8160 24C/2.1GHz/33MB/150W/DDR4-2666	24x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" HS (4 SATA/SAS, 4 AnyBay)	2x 300GB HDD 10K 2.5" SAS12Gbps, 6x 800GB SSD SAS12Gbps	None	4x 3.84TB PCIe 3.0 x4 HHHL	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	2x PCIe x8 FHHL, 1x ML2 x8 FHHL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	None	None	TPM 1.2	XClarity Standard	2x 1100W Platinum	None	3-year	02/18
7X06A046NA	NA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	24x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	None	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	None	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	PCIe Flash Adapter	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Fibre Channel I/O	Standard Expansion Slots	Available Expansion Slots via Riser Cards	Front VGA	Optical	TPM	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X06A02HCN	Taiwan	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (2Rx8)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	None	1x Mgmt	4x GbE RJ-45 LOM	None	1x LOM, 1x RAID slot, 1x PCIe x8 LP	3x PCIe x8 FHHL	None	None	TPM 1.2	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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ThinkSystem ST550 Platform Specifications

Components	Specification
Form factor	Tower or 4U rack
Dimensions	Without foot stands and security door: Height: 425.5 mm (16.8 in). Width: 175.8 mm (6.92 in). Depth: 666.4 mm (26.24 in)
Weight	Maximum configuration: 81.35 lb (36.9 kg)
Processor	Up to two 125W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 20 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s
Chipset	Intel C621 Platform Controller Hub
Memory	Up to 12 DIMM sockets. Each processor supports up to 6 DIMM sockets with 6 channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types cannot be intermixed
Memory capacity	With RDIMMs: Up to 384GB with 12 x 32 GB RDIMMs and two processors With LRDIMMs: Up to 768GB with 12 x 64 GB LRDIMMs and two processors
Memory protection	ECC, memory mirroring, and memory sparing
Storage controllers	Supports the following RAID/HBA adapters:

	RAID adapter	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath	Max qty
For SS bays	Onboard SATA	6Gbps SATA	SATA	0/1/10/5	Yes	None	None	No	-
For HS bays	530-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50	Yes	None	None	Yes	2
	730-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50	Yes	1GB	None	No	2
	930-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	2GB	Flash backup	Yes	2
	930-16i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
	930-24i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
	430-8i	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	2
	430-16i	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	1
	430-8e	12Gbps SAS	SATA/SAS	-	Yes	None	None	-	6
	930-8e	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	6

Note: 730-8i is available in China only. All RAID/HBA adapters should be placed in slot 1 firstly.

Disk drive bays	Supports 4 or 8 front 3.5" SATA simple-swap bays. Or 4 or 8 front 3.5" SATA/SAS HS bays. Or 8 or 16 front 2.5" SATA/SAS HS bays with maximum 4 AnyBay. Optional 4 front 2.5" HS bays are supported on hot-swap models, takes place in two 5.25" bays location Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring

Internal storage		
For 3.5" SS bay	3.5" HDD, SATA6Gbps, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	3.5" HDD, SATA6Gbps, 7.2K	1TB/2TB/4TB/6TB/8TB/10TB
	3.5" HDD, SAS12Gbps, 7.2K	1TB/2TB/4TB/6TB/10TB
	2.5" HDD, SAS12Gbps, 15K	300GB/600GB
	2.5" SSD, SATA6Gbps	240GB/480GB
For 2.5" bay	2.5" HDD, SATA6Gbps, 7.2K	1TB/2TB
	2.5" HDD, SAS12Gbps, 7.2K	1TB/2TB
	2.5" HDD, SAS12Gbps, 10K	300GB/600GB/900GB/1.2TB/1.8TB
	2.5" HDD, SAS12Gbps, 15K	300GB/600GB/900GB
	2.5" SSD, SAS12Gbps	400GB/800GB/3.84TB
	2.5" SSD, SATA6Gbps	240GB/480GB
	2.5" NVMe SSD, AnyBay	1.92TB/3.84TB
	M.2 SATA SSD	32GB/128GB/480GB

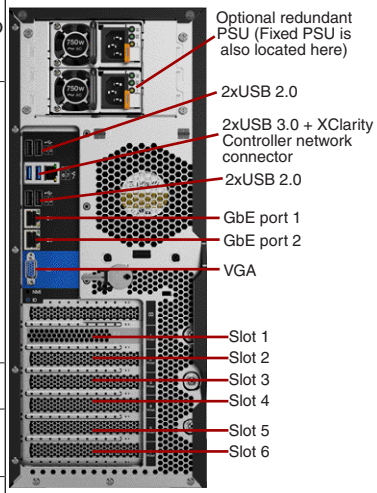
Optical	Two 5.25" bays for optical and tape drive. Supports DVD-ROM or DVD±RW drives, half-height. Supports LTO-6 SAS, LTO-7 SAS, and RDX USB 3.0 tape drives
Network interfaces	Integrated one dedicated management port plus two GbE ports. Optional PCIe adapters are supported. NC-SI and Wake-on-LAN are available on GbE port 1 (See right)
Security features	Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel. Optional chassis intrusion switch
Operating systems supported	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware vSphere (ESXi) 6.5/6.0 U3
Systems management	XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Provisioning Manager. Essentials. LEDs on front panel show the status of power, ID, network, simple-swap disks, and system error
GPU support	Up to two optional NVIDIA Quadro P2000 or Quadro P6000

Components	Specification
Base warranty	MT 7X09: 1-year limited onsite service with 9x5/NBD MT 7X10: 3-year limited onsite service with 9x5/NBD
Power supply	Supports one fixed 450W 80 PLUS Gold qualified AC power supply, non-hot swap, no redundant. Or up to two redundant hot-swap 550W/750W/1100W 80 PLUS Platinum qualified AC power supplies. Or up to two redundant hot-swap 750W Titanium qualified AC power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V
Video	Integrated Matrox G200 in XClarity Controller
Cooling	Up to four fans with one for redundant. Two fans for single processor, three fans for dual processor or single processor with 4 x 2.5" HS bay installed. 4th fan is N + 1 redundant or GPU installed
Front ports	One XClarity Controller USB connector, one USB 3.0
Rear ports	One VGA, two USB 3.0, four USB 2.0, two ethernet (RJ-45), one XClarity Controller network connector. Optional COM port
Environmental specification	Supports ASHRAE A4 with limitations.

Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)
Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)
Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)
Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:20%~80%
Humidity - storage (with package), non-condensing	8%~90%

Models should meet the following requirements to support A3 and A4:
- *System rear fan required, no system fan fail*
- *450W fixed power supply not installed, redundant power supplies required*
- *NVMe SSD not installed*
- *GPU not installed*
- *When 4 x 2.5" bay installed, only support up to 2TB SAS HDD/SSD and all SATA HDD/SSD*

Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/



Expansion slots

Slot 1 (CPU1)	PCIe 3.0 x8, full height, half length
Slot 2 (CPU1)	PCIe 3.0 x16, full height, half length
Slot 3 (CPU1)	PCIe 3.0 x16, full height, full length, double-width
Slot 4 (CPU2)	PCIe 3.0 x16 (x8 elec), full height, full length
Slot 5 (CPU2)	PCIe 3.0 x16, full height, full length, double-width
Slot 6 (CPU1)	PCIe 3.0 x8 (x4 elec), full height, full length

Note: All expansion cards and redundant PSU are optional.

System unique options

7X77A03475	ThinkSystem ST550 2.5" SATA/SAS 4-Bay Backplane Kit
7X77A03476	ThinkSystem ST550 2.5" Anybay 8-Bay Backplane Kit
7TP7A04369	ThinkSystem ST550 2.5" 8-Bay Backplane Kit
7TP7A04370	ThinkSystem ST550 3.5" SATA/SAS 4-Bay Backplane kit
7X77A03481	ThinkSystem ST550 3.5" Simple Swap Bracket Plate
7X77A03484	ThinkSystem ST550 4U Security Bezel
7X77A03485	ThinkSystem ST550 CMA kit
7X77A03488	ThinkSystem ST550 4U Tower to Rack Conversion Kit
7Z17A02577	ThinkSystem ST550 COM Port Upgrade Kit
7XH7A06781	ThinkSystem ST550 Front Mid FAN Module for 4x2.5" ODD conversion
7TP7A04371	ThinkSystem ST550 Rear FAN Module for RDN FAN

Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X101000AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X101001AU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X101002AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X101003AU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X101004AU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 1100W Platinum	None	3-year	09/17
7X101005AU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 1100W Platinum	None	3-year	09/17
7X101007AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x USB DVD±RW	None	None	XClarity Enterprise	2x 750W Titanium	None	3-year	09/17
7X101008AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 1100W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X101009AU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 1100W Platinum	None	3-year	09/17
7X10100AAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x USB DVD±RW	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X10100BAU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x USB DVD±RW	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X10100CAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X10100DAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X10100EAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X10100FAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	09/17
7X10100GAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 1100W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10100HAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 1100W Platinum	None	3-year	09/17
7X10100JAU	ANZ	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Enterprise	1x 1100W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A04ELA	Argentina	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04JLA	Argentina	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	2x600GB HDD 15K 3.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A04SLA	Argentina	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04WLA	Argentina	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A052LA	Argentina	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A055LA	Argentina	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A057LA	Argentina	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A05CLA	Argentina	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A05JLA	Argentina	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5" 8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A06KAR	Argentina	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5" 8x 2.5" SATA/SAS HS	3x900GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	12/17
7X10A06LAR	Argentina	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5" 8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	12/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A05DLA	Chile	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	3x600GB HDD 15K 3.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A051LA	Chile	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	2x2TB HDD 7.2K 3.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A06HCL	Chile	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	12/17
7X10A06JCL	Chile	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	12/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A06MLA	Colombia	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	12/17
7X10A06NLA	Colombia	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	12/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A06PEA	EMEA	1x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	12/17
7X10A06QEA	EMEA	1x Xeon Gold 6128 6C/3.4GHz/19.25MB/115W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	12/17
7X10A03ZEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	4x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	3x900GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A03VEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	2x300GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 550W Platinum	None	3-year	07/17
7X10A03KEA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A039EA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	8x 3.5" SATA/SAS HS	2x1TB HDD 7.2K 3.5" SATA6Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A02HEA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02YEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A006EA	EMEA	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00HEA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A013EA	EMEA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A017EA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A018EA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A019EA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	3x300GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A01AEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	3x300GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A01BEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A01CEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A01DEA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01EEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01FEA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01GEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01HEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01JEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01KEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	4x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	2x600GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A01LEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01MEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01NEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01PEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01QEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A063CN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A064CN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A065CN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A066CN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A067CN	HTK	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	1x Serial	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A068CN	HTK	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	1x Serial	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A069CN	HTK	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	1x Serial	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A06ACN	HTK	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	1x Serial	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A06BCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	1x Serial	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A06CCN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	1x Serial	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A06DCN	HTK	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	1x Serial	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17
7X10A06ECN	HTK	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	2x GbE RJ-45 PCIe	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	1x Serial	None	XClarity Standard	1x 750W Platinum	None	3-year	10/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A043JP	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	USB, with pointing device	XClarity Advanced	1x 1100W Platinum	None	3-year	07/17
7X10A044JP	JAPAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	USB, with pointing device	XClarity Advanced	1x 550W Platinum	None	3-year	07/17
7X10A045JP	JAPAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	USB, with pointing device	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X10A046JP	JAPAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	USB, with pointing device	XClarity Advanced	1x 1100W Platinum	None	3-year	07/17
7X10A047JP	JAPAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	USB, with pointing device	XClarity Advanced	1x 750W Platinum	None	3-year	07/17
7X10A048JP	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-24i 4GB Flash	16x 2.5"	4x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	USB, with pointing device	XClarity Advanced	1x 1100W Platinum	None	3-year	07/17
7X10A049JP	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	USB, with pointing device	XClarity Advanced	1x 1100W Platinum	None	3-year	07/17

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ThinkSystem ST550 - TopSeller - LA (except Brazil)

Product Specifications Reference (PSREF)

Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A04GLA	LA (except Brazil)	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	2x2TB HDD 7.2K 3.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A04LLA	LA (except Brazil)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	2x900GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A04QLA	LA (except Brazil)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	2x2TB HDD 7.2K 3.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A053LA	LA (except Brazil)	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	2x600GB HDD 15K 3.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A05ELA	LA (except Brazil)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	3x900GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A05BLA	LA (except Brazil)	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	2x4TB HDD 7.2K 3.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17
7X10A058LA	LA (except Brazil)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	3x4TB HDD 7.2K 3.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Advanced	2x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10100KLA	LA (except Chile)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	1x HH DVD±RW	None	USB	XClarity Standard	1x 750W Platinum	None	3-year	09/17
7X10100LLA	LA (except Chile)	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 2.0	None	None	1x HH DVD±RW	None	USB	XClarity Standard	2x 750W Platinum	None	3-year	09/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10100NNA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	03/18
7X10100PNA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	03/18
7X10100QNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	03/18
7X10A03PNA	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X10A028NA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17
7X10A02PNA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Enterprise	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A005AU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x Onboard Intel RSTe	8x 3.5"	4x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A00AAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A00KAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00MAU	ANZ	1x Xeon Gold 6126T 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00TAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A029AU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02AAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x Onboard Intel RSTe	8x 3.5"	8x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02BAU	ANZ	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A02DAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	4x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	2x600GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A02EAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02FAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02GAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	3x300GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A011AU	ANZ	1x Xeon Gold 6130T 16C/2.1GHz/22MB/125W/DDR4-2666	1x 32GB RDIMM DDR4-2666 (2Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02JAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02LAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02MAU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A02NAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02RAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02TAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02VAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02ZAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A032AU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	3x300GB HDD 10K 2.5" SAS12Gbps	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A036AU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A038AU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A03DAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x Onboard Intel RSTe	8x 3.5"	8x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03EAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03FAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03GAU	ANZ	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	8x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03HAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03LAU	ANZ	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03MAU	ANZ	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03NAU	ANZ	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A03QAU	ANZ	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03RAU	ANZ	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03UAU	ANZ	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03AAU	ANZ	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A04KLA	Argentina	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5"	SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04RLA	Argentina	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5"	SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04XLA	Argentina	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5"	SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A054LA	Argentina	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A056LA	Argentina	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A059LA	Argentina	1x Xeon Gold 6138 20C/2.0GHz/27.5MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5"	SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A05ALA	Argentina	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A05FLA	Argentina	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A05GLA	Argentina	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5" SATA/SAS Open HS	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A05HLA	Argentina	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A05KLA	Argentina	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS Open HS	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A05LLA	Argentina	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS Open HS	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A01ZSG	ASEAN	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A020SG	ASEAN	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A021SG	ASEAN	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A022SG	ASEAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A023SG	ASEAN	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A024SG	ASEAN	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A025SG	ASEAN	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A026SG	ASEAN	1x Xeon Silver 4112 4C/2.6GHz/8.25MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A00GSG	ASEAN	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00BSG	ASEAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00DSG	ASEAN	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00ESG	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A003SG	ASEAN	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A004SG	ASEAN	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A040BR	Brazil	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	2x 750W Platinum	None	3-year	07/17
7X10A041BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A042BR	Brazil	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A03YBR	Brazil	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A02UEA	EMEA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00VEA	EMEA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01REA	EMEA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01SEA	EMEA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01TEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x Onboard Intel RSTe	8x 3.5"	8x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01UEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x Onboard Intel RSTe	8x 3.5"	8x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01VEA	EMEA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01WEA	EMEA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A01XEA	EMEA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A01YEA	EMEA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A014CN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00WCN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00XCN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00YCN	HTK	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00ZCN	HTK	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A010CN	HTK	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5"	SATA/SAS HS Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00PCN	HTK	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5"	SATA/SAS HS Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00QCN	HTK	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5"	SATA/SAS HS Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A00RCN	HTK	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00SCN	HTK	1x Xeon Gold 5122 4C/3.6GHz/16.5MB/105W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A012CN	HTK	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	None	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A03BSG	INDIA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A03CSG	INDIA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A02KSG	INDIA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A02SSG	INDIA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x Onboard Intel RSTe	8x 3.5"	4x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A02QSG	INDIA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A02WSG	INDIA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A02XSG	INDIA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A02CSG	INDIA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A027SG	INDIA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A037SG	INDIA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A033SG	INDIA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A034SG	INDIA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A030SG	INDIA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A03WSG	INDIA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A03XSG	INDIA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A03SSG	INDIA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x Onboard Intel RSTe	8x 3.5"	4x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A03TSG	INDIA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A00USG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A00NSG	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A015SG	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A016SG	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A00LSG	INDIA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A00FSG	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x Onboard Intel RSTe	8x 3.5"	4x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A007SG	INDIA	1x Xeon Gold 6126 12C/2.6GHz/19.25MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A008SG	INDIA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A001SG	INDIA	1x Xeon Gold 5115 10C/2.4GHz/13.75MB/85W/DDR4-2400	1x 8GB RDIMM DDR4-2666 (1Rx8)	1x 530-8i	8x 3.5"	4x 3.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 550W Platinum	None	3-year	07/17
7X10A002SG	INDIA	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	None	None	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A009JP	JAPAN	1x Xeon Gold 6130 16C/2.1GHz/22MB/125W/DDR4-2666	2x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-16i 4GB Flash	16x 2.5"	16x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Advanced	1x 1100W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A04DNA	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04YNA	NA	1x Xeon Gold 5118 12C/2.3GHz/16.5MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04ZNA	NA	1x Xeon Gold 5120 14C/2.2GHz/19.25MB/105W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 930-8i 2GB Flash	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04NNA	NA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04PNA	NA	1x Xeon Bronze 3106 8C/1.7GHz/11MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04TNA	NA	1x Xeon Silver 4116 12C/2.1GHz/16.5MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04UNA	NA	1x Xeon Bronze 3104 6C/1.7GHz/8.25MB/85W/DDR4-2133	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x Onboard Intel RSTe	8x 3.5"	8x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04VNA	NA	1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x Onboard Intel RSTe	8x 3.5"	8x 3.5" SATA SS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD±RW	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Model	Region	Processor	Memory	Storage Controller	Chassis	Disk Bays	Disks	M.2 Drives	GPU	Onboard Networking Ports	Additional Networking (LOM/ML2/PCIe)	Standard Extension Slots	TPM	Intrusion Switch	Security Door	Optical	Optional Ports	Keyboard	System Management	Power Supply	Preload	Warranty	Ann Date (mm/yy)
7X10A04HNA	NA	1x Xeon Silver 4114 10C/2.2GHz/13.75MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17
7X10A04FNA	NA	1x Xeon Silver 4110 8C/2.1GHz/11MB/85W/DDR4-2400	1x 16GB RDIMM DDR4-2666 (1Rx4)	1x 530-8i	16x 2.5"	8x 2.5" SATA/SAS HS	Open	None	None	1x Mgmt, 2x GbE	None	1x PCIe x8 FHHL, 1x PCIe x8 FHFL, 1x PCIe x16 FHFL, 1x PCIe x16 FHHL	TPM 1.2	Intrusion Switch	Security door	1x HH DVD	None	None	XClarity Standard	1x 750W Platinum	None	3-year	07/17

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Depot or Courier Service: Parts and labor repair coverage where shipping (including packaging) or delivery to the repair center is paid for by Lenovo.
Expedited Depot: Parts and labor coverage with expedited turnaround. Shipping (including packaging) or delivery to the repair center is paid for by Lenovo.
Onsite / In-home Service: Parts and labor repair coverage where labor is provided onsite at your place of business.
If Lenovo determines your product problem is covered by the product warranty and cannot be resolved over the telephone, a technician will be dispatched to arrive onsite, typically the next day.
International Warranty Service (IWS): PC repair coverage for customers who require a critical warranty repair while travelling internationally. Visit www.lenovo.com/internationalwarranty for details.
Visit www.lenovo.com/warranty for Lenovo Warranty Services terms and conditions for complete details and restrictions.

Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

Visit **http://psref.lenovo.com/** for the latest version of Product Specifications Reference.

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Lenovo ThinkVision

PSREF

Product Specifications Reference

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Summary of Changes

This section describes the technical changes made in this edition.
This edition might also include minor corrections and editorial changes which are not identified.

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Additions in this update

►**New product(s)**
ThinkVision X1 (2nd Gen) announced July 2018
ThinkVision P32u announced July 2018
ThinkVision T27i announced July 2018

►**New model(s)**
None

►**Others**
None

Withdrawals in this update

►**Withdrawn product(s)**
None

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Lenovo ThinkVision E1922s Wide

Product Specifications Reference (PSREF)

Name	**E1922s Wide Flat Panel Monitor**
Case color	**Black**
Type-model	**60G2AAR6US / 60G2AAT6EU**
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	**18.5"** (**470mm**) diagonal
Max view area (W x H)	16.1" x 9.1" / 409.8mm x 230.4mm
Native resolution	**1366x768**
Aspect ratio	16:9
Pixel pitch (mm)	0.3mm
Dot/Pixel per Inch	85 dpi
Brightness	200 nits or cd/m² (typical)
Contrast ratio	600:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	180° (+/- 90°) horizontal, 100° (+/- 50°) vertical
Stand	Tilt adjustable stand
Bezel width	*Sides:* 0.73" (18.5mm)
Dimensions (HxWxD)	13.44" H x 17.65" W x 6.58" D; 341.5mm H x 448.4mm W x 167.2mm D
Power supply	13.7 watts typical, 17 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	6.03 lb; 2.74 kg
Limited warranty[4]	**3 year** (includes backlight)
Available date	March 2014

VESA-compliant[2]	VESA DPMS-compliant
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO (TCO Displays 7.0), WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1366x768
Presets / user settings	Standard presets: 15 user settings: 16

Features

- Widescreen 18.5-inch monitor
- Supports HD 1366x768 resolution
- Supports VESA mount (100mm)
- Mercury free panel and arsenic free glass
- Kensington lock slot ready for enhanced security
- Support Lenovo Tiny PC via VESA mount
- Supports optional soundbar
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 / Windows 8.1 certified

ThinkVision E1922s Wide Monitor

Viewing adjustments	*Tilt:* 20° backward, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (control buttons on front) for automatic image setup and adjustment for brightness
Multiple input	None
Monitor connectors	VGA 15-pin D-shell, analog, blue
Signal cables	detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, 1.8 meter analog signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision E2054 Wide

Product Specifications Reference (PSREF)

Name	**E2054 Wide Flat Panel Monitor**
Case color	**Raven black**
Type-model	**60DFAAR1US / 60DFAAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), LED backlight
Viewable image size	**19.5"** (**494mm**) diagonal
Max view area (W x H)	16.48" x 10.33" / 418.6mm x 262.4mm
Native resolution	**1440x900**
Aspect ratio	16:10
Pixel pitch (mm)	0.097mm x 0.292mm
Dot/Pixel per Inch	87 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt adjustable stand
Bezel width	*Top:* 0.71" (18.0mm) *Bottom:* 0.70" (17.9mm) *Sides:* 1.02" (26.0mm)
Dimensions (HxWxD)	14.65" H x 17.95" W x 7.41" D; 372.0mm H x 456.0mm W x 188.3mm D
Power supply	16 watts typical, 20 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	6.17 lb; 2.8 kg
Limited warranty	**3 year** (includes backlight)
Available date	November 2015

VESA-compliant	VESA DPMS-compliant
Power management	ENERGY STAR® 6.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO (TCO Displays 6.0), WEEE, RoHS, **EPEAT™ Silver rating**

Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x768, 1280x1024 WXGA: 1366x768 WXGA+: 1440x900
Presets / user settings	Standard presets: 18 user settings: 10

Features

- Widescreen 19.5-inch monitor
- Supports HD 1440x900 resolution
- Supports VESA mount (100mm)
- Mercury free panel and arsenic free glass
- Kensington lock slot ready for enhanced security
- Support Lenovo Tiny PC via VESA mount
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 / Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision E2054 Wide Monitor

Viewing adjustments	*Tilt:* 22° backward, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (control buttons on front) for automatic image setup and adjustment for brightness
Multiple input	None
Monitor connectors	VGA 15-pin D-shell, analog, blue
Signal cables	detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, 1.8 meter analog signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision LT1913p Square

Product Specifications Reference (PSREF)

Name	**LT1913p Square Flat Panel Monitor**
Case color	**Black**
Type-model	**60FBHAR1US / 60FBHAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**19.0"** (**480.0mm**) diagonal
Max view area (W x H)	14.76" x 11.80" (374.7mm x 299.8mm)
Optimum resolution	**1280x1024**
Max pixel rate	205MHz (VGA), 165MHz (DVI)
Aspect ratio	5:4
Pixel pitch (mm)	0.0976 (H) x 0.2928 (V) mm
Dot/Pixel per Inch	86.8 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° horizontal, 178° vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.68" (17.4mm); *top:* 0.68" (17.4mm); *bottom:* 0.68" (17.4mm)
Dimensions (HxWxD)	14.63" H x 16.18" W x 10.40" D; 371.5mm H x 411.0mm W x 264.2mm D
Power supply	24 watts typical, 27 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	10.69 lb; 4.85kg
Limited warranty[4]	**3 year** (includes backlight)
Available date	April 2015
VESA-compliant[2]	VESA DDC2B/CI, EDID 1.3
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 1.1, WEEE, RoHS, **EPEAT™ Gold rating**, ULE Gold
Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600, 823x624 XGA: 1024x768, 1152x864, 1152x900 SXGA: 1280x1024
Presets / user settings	Standard presets: 20; user settings: 20

Features

- 19-inch Square IPS LED backlit panel
- Supports 1280x1024 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Mercury and arsenic free glass
- Low Halogen
- Recycled content in plastic material
- Supports optional soundbar
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 / Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision LT1913p Square Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/- 45°
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, input switch, and brightness
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)
Ship group	Monitor, attached stand, Setup poster, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord

Limited Warranty

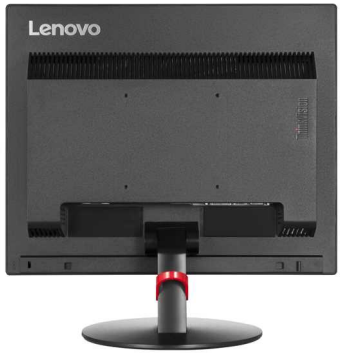
See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303
Lenovo Easy Reach Monitor Stand	55Y9258

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**



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Lenovo ThinkVision T1714

Product Specifications Reference (PSREF)

Name	**T1714 Square Flat Panel Monitor**
Case color	**Black**
Type-model	**60FDHAR1US / 60FDHAT1EU**
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	**17.0"** (**432mm**) diagonal
Max view area (W x H)	13.3" x 10.6" (337.9mm x 270.3mm)
Optimum resolution	**1280x1024**
Aspect ratio	5:4
Pixel pitch (mm)	0.264mm
Dot/Pixel per Inch	96 dpi
Brightness	250 nits or cd/m² (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical
Stand	Tilt stand
Bezel width	*Sides:* 0.69" (17.5mm)
Dimensions (HxWxD, including stand)	14.72" H x 14.74" W x 7.87" D; 373.9mm H x 374.5mm W x 200mm D
Power supply	14.0 watts typical, 18.0 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	5.75 lb; 2.61kg
Limited warranty	**3 year** (includes backlight)
Available date	September 2015

Features

- 17-inch Square LCD monitor
- Supports SXGA 1280x1024 resolution
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- Mercury Arsenic free glass
- Supports optional soundbar
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 certified
- Microsoft Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision T1714 Monitor

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864, SXGA: 1280x800, 1280x1024
Presets / user settings	Standard presets: 17; user settings: 17

Viewing adjustments	*Tilt:* 22° back, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup and brightness
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor and stand, Setup poster, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Easy Reach Monitor Stand	55Y9258

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision T1714p

Product Specifications Reference (PSREF)

Name	**T1714p Square Flat Panel Monitor**
Case color	**Black**
Type-model	**60FELAR1US / 60FELAT1EU**
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	**17.0"** (**432mm**) diagonal
Max view area (W x H)	13.3" x 10.6" (337.9mm x 270.3mm)
Optimum resolution	**1280x1024**
Aspect ratio	5:4
Pixel pitch (mm)	0.264mm
Dot/Pixel per Inch	96 dpi
Brightness	250 nits or cd/m² (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical
Stand	Tilt height adjustable stand
Bezel width	*Sides:* 0.69" (17.5mm)
Dimensions (HxWxD, including stand)	17.63" H x 14.74" W x 9.61" D; 447.9mm H x 374.5mm W x 244.2mm D
Power supply	14.0 watts typical, 18.0 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	8.71 lb; 3.95kg
Limited warranty	**3 year** (includes backlight)
Available date	September 2015

Features

- 17-inch Square LCD monitor
- Supports SXGA 1280x1024 resolution
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- Mercury Arsenic free glass
- Supports Lenovo Tiny PC and 3rd party thin client via optional Lenovo bracket
- Supports optional soundbar
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 certified
- Microsoft Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision T1714p Monitor

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864, SXGA: 1280x800, 1280x1024
Presets / user settings	Standard presets: 22; user settings: 22

Viewing adjustments	*Tilt:* 22° back, -5° forward; *lift:* 4.3" (110mm)
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup and brightness
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant** (3) DisplayPort, digital, black, HDCP-compliant
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor and stand, Setup poster, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Easy Reach Monitor Stand	55Y9258

See details at **www.lenovo.com/support/monitoraccessories**

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Lenovo ThinkVision T2054p Wide

Product Specifications Reference (PSREF)

Name	**T2054p Wide Flat Panel Monitor**
Bezel color	**Raven black**
Type-model	**60G1MAR2US / 60G1MAT2EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**19.5"** (**495mm**) diagonal
Max view area (W x H)	16.48" x 10.33" (418.6mm x 262.4mm)
Native resolution	**1440x900**
Aspect ratio	16:10
Pixel pitch (mm)	0.2915 x 0.2915 mm
Dot/Pixel per Inch	87 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, and height adjustable stand
Bezel width	*Sides:* 0.67" (17.0mm)
Dimensions (HxWxD)	13.62" H x 17.88" W x 9.55" D; 345.9mm H x 454.2mm W x 242.6mm D
Power supply	14.5 watts typical, 21 watts maximum, <0.3 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	8.16 lb; 3.70 kg
Limited warranty[4]	**3 year** (includes backlight)
Available date	September 2015

VESA-compliant[2]	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA:	640x480, 720x400, 720x576
	SVGA:	800x600
	XGA:	1024x768, 1152x864
	SXGA:	1280x800, 1280x1024
	WXGA:	1366x768
	WXGA+:	1440x900
Presets / user settings	Standard presets: 22 user settings: 16	

Features

- Widescreen 19.5-inch monitor
- Supports 1440x900 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- EPEAT Gold certified
- Supports optional soundbar
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 / Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision T2054p Wide Monitor

Viewing adjustments	*Tilt:* 22° backward, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, dual input and brightness
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

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Lenovo ThinkVision E21

Product Specifications Reference (PSREF)

Name	**E21 Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61B9JAR1US / 61B9JAT1EU**
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	**20.7"** (**525.78mm**) diagonal
Max view area (W x H)	18.03" x 10.14" (457.92mm x 257.58mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2385 x 0.2385 mm
Dot/Pixel per Inch	106 dpi
Brightness	250 nits or cd/m² (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical
Stand	Tilt adjustable stand
Bezel width	*Sides:* 0.6" (15.3mm)
Dimensions (HxWxD)	14.6" H x 19.31" W x 8.07" D; 370.9mm H x 490.5mm W x 204.9mm D
Power supply	18 watts typical, 23 watts maximum, <0.3 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	5.82 lb; 2.64 kg
Limited warranty	**3 year** (includes backlight)
Available date	August 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA:	640x350, 640x480, 720x400
	SVGA:	800x600, 832x624
	XGA:	1024x768, 1152x864
	SXGA:	1280x1024
	WXGA+:	1440x900
	WSXGA+:	1680x1050
	Full HD:	1920x1080
Presets display modes	Standard presets: 22	

Features

- Widescreen 20.7-inch monitor
- Supports 1920x1080 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- EPEAT Gold certified
- Low Blue Light certification
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision E21 Wide Monitor

Viewing adjustments	*Tilt:* 22° back, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	None
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) DisplayPort (1.2), digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision E24

Product Specifications Reference (PSREF)

Name	**E24 Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61B7JAR6US / 61B7JAT6EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**23.8"** (**604.7mm**) diagonal
Max view area (W x H)	20.75" x 11.67" (527.04mm x 296.46mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745 x 0.2745 mm
Dot/Pixel per Inch	92.5 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt adjustable stand
Bezel width	*Sides:* 0.51" (13mm)
Dimensions (HxWxD)	15.9" H x 21.81" W x 8.07" D; 403.8mm H x 554mm W x 204.9mm D
Power supply	18 watts typical, 23 watts maximum, <0.3 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	8.2 lb; 3.7 kg
Limited warranty	**3 year** (includes backlight)
Available date	August 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets display modes	Standard presets: 24; user settings: 20

Features

- Widescreen 23.8-inch monitor
- Supports 1920x1080 resolution
- Supports ThinkCentre Tiny VESA mount
- Supports optional soundbar
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision E24 Wide Monitor

Viewing adjustments	*Tilt:* 22° back, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	None
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision LT2423 Wide

Product Specifications Reference (PSREF)

Name	**LT2423 Wide Flat Panel Monitor**
Case color	**Business black**
Type-model	**60A8KAR2US / 60A8KAT2EU**
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	**24"** (**610mm**) diagonal
Max view area (W x H)	20.9" x 11.8" (531.4mm x 298.9mm)
Optimum resolution	**1920x1080**
Max pixel rate	205MHz
Aspect ratio	16:9
Pixel pitch (mm)	0.278mm
Dot/Pixel per Inch	92 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Contrast ratio	2000000:1
Pixel response time	5ms
Color gamut	72%
Viewing angle at 10:1 CR	170° horizontal, 160° vertical
Stand	Tilt stand
Bezel width	*Sides:* 0.67" (17.0mm); *top:* 0.67" (17.0mm); *bottom:* 1.02" (26.0mm)
Dimensions (HxWxD, excluding stand)	13.53" H x 22.33" W x 1.97" D; 343.7mm H x 567.1mm W x 50.0mm D
Dimensions (HxWxD, including stand)	16.30" H x 22.33" W x 8.50" D; 414.3mm H x 567.1mm W x 216.7mm D
Power supply	21 watts typical, 31 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	8.30 lb; 3.76kg
Limited warranty[4]	**3 year** (includes backlight)
Available date	July 2013

VESA-compliant[2]	VESA DDC2B/CI
Power management	ENERGY STAR® 6.0
Ergonomics	ISO 9241-307
Emission standards	MPR-2, FCC Class B
Environmental	TCO Displays 6.0, TCO Certified Edge 1.2, WEEE, RoHS, **EPEAT™ Gold rating**, ULE Gold

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets / user settings	Standard presets: 24; User settings: 20

Features

- Widescreen 24-inch monitor
- Supports 1920x1080 resolution
- Two 3W stereo speakers
- Audio in (3.5mm)
- Supports VGA and HDMI 1.4 interfaces
- Supports optional soundbar
- Support Lenovo Tiny PC and 3rd party thin client via optional Lenovo bracket
- Microsoft® Windows® 8 certified
- Arsenic/Lead/Mercury free

ThinkVision LT2423 Wide Monitor

Viewing adjustments	*Tilt:* 22° back, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, input switch, and brightness
Multimedia	Integrated stereo speakers (3 watts x 2)
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor, attached stand, Setup poster, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter Audio cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303
ThinkCentre Extend Arm	57Y4352
Lenovo Easy Reach Monitor Stand	55Y9258

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision P24h

Product Specifications Reference (PSREF)

Name	**P24h Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61AEGAR3US / 61AEGAT3EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**23.8"** (**604.7mm**) diagonal
Max view area (W x H)	20.74" x 11.67" (526.9mm x 296.4mm)
Native resolution	**2560x1440**
Aspect ratio	16:9
Pixel pitch (mm)	0.2058x 0.2058 mm
Dot/Pixel per Inch	124 dpi
Brightness	300 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	4ms (extreme) / 6ms (typical)
Color gamut	99% sRGB
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2.0mm)
Dimensions (HxWxD)	14.7" H x 21.26" W x 10.3" D; 373.4mm H x 540.2mm W x 261.75mm D
Power supply	24 watts typical, 120 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	12.54 lb; 5.69 kg
Limited warranty	**3 year** (includes backlight)
Available date	April 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1680x900 WSXGA+: 1680x1050 Full HD: 1920x1080, 1920x1200 QHD: 2560x1440
Presets display modes	HDMI: 22; DP: 14

Features

- Widescreen 23.8-inch monitor
- Supports 2560x1440 resolution
- Supports optional soundbar
- Supports ThinkCentre Tiny Clamp Bracket
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision P24h Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	USB Hub: one USB 3.1 Type-C upstream port, four USB 3.0 Type-A downstream ports
Multimedia	Audio-out, optional sound bar supported
Camera	None
Multiple input	Support HDMI, DisplayPort, USB 3.1 Type-C, DisplayPort-out
Monitor connectors	(1) 2*HDMI (1.4), digital, **HDCP-compliant** (2) DisplayPort (1.2), digital, **HDCP-compliant** (3) DisplayPort-out, digital (4) USB 3.1 Type-C
Signal cables	(1) USB 3.1 Type-C cable, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter USB 3.1 Type-C cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

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Lenovo ThinkVision P24q

Product Specifications Reference (PSREF)

Name	**P24q Wide Flat Panel Monitor**
Case color	**Black**
Type-model	**61A5GAR3US / 61A5GAT3EU**
Panel	TFT-LCD, IPS (In-Plane Switching), White LED backlight
Viewable image size	**23.8"** (**604.5mm**) diagonal
Max view area (W x H)	20.74" x 11.67" (526.85mm x 296.35mm)
Optimum resolution	**2560x1440**
Max pixel rate	300MHz
Aspect ratio	16:9
Pixel pitch (mm)	0.2058 x 0.2058mm
Dot/Pixel per Inch	123 dpi
Brightness	300 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	4ms
Color gamut	99% sRGB
Viewing angle at 10:1 CR	178° horizontal, 178° vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2mm)
Dimensions (HxWxD, including stand)	14.7" H x 21.26" W x 10.3" D; 373.4mm H x 540.2mm W x 261.75mm D
Power supply	24 watts typical, 67 watts maximum (with USB), <0.5 watts sleep/off; <0.5 watts switch off integrated (no external brick-like power supply)
Weight	12.35 lb; 5.6kg (including stand)
Limited warranty	**3 year**
Available date	January 2017

Features

- 23.8-inch IPS LED backlit monitor
- Supports 2560x1440 resolution
- 5-Ports USB hub, support USB 3.0
- Support ThinkCentre Tiny
- Supports optional soundbar
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision P24q Monitor

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, RoHS, **EPEAT™ Gold rating**, ULE Gold

Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080, 1920x1200 QHD: 2560x1440
Presets / user settings	Standard presets: 20; user settings: 24

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.33" (110mm); *swivel:* +/-45°
Rotating screen	**Screen pivots 90 degrees from landscape to portrait**
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access for menu, source switch, and brightness
USB hub	USB Hub: one USB 3.0 upstream port, four USB 3.0 downstream ports
Multimedia	Audio-out, optional sound bar supported
Camera	None
Multiple input	Support HDMI, DisplayPort, mini DisplayPort, DisplayPort-out
Monitor connectors	(1) 2*HDMI (1.4), digital, **HDCP-compliant** (2) DisplayPort (1.2), digital, **HDCP-compliant** (3) Mini DisplayPort, digital, **HDCP-compliant**
Signal cables	(1) detachable, mini DisplayPort to DisplayPort, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor, detachable stand, Quick start and safety poster, 1.8 meter USB 3.0 cable, 1.8 meter mini DP to DP cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303

See details at **www.lenovo.com/support/monitoraccessories**

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Lenovo ThinkVision T2224d Wide

Product Specifications Reference (PSREF)

Name	**T2224d Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61B1JAR1US / 61B1JAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**21.5"** (**546mm**) diagonal
Max view area (W x H)	18.74" x 10.54" (476.1mm x 267.8mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.248 x 0.248 mm
Dot/Pixel per Inch	102 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical); 4ms (extreme mode)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt stand
Bezel width	*Sides:* 0.69" (17.6mm)
Dimensions (HxWxD)	15.02" H x 20.19" W x 8.06" D; 381.4mm H x 512.9mm W x 204.9mm D
Power supply	20 watts typical, 25 watts maximum <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	6.48 lb; 2.94 kg
Limited warranty	**3 year** (includes backlight)
Available date	March 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x768, 1280x800, 1366x768 WXGA+: 1440x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets / user settings	Standard presets: 22; user settings: 22

Features

- Widescreen 21.5-inch monitor
- Supports 1920x1080 resolution
- Supports optional soundbar
- Supports ThinkCentre Tiny via VESA back mount
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T2224d Wide Monitor

Viewing adjustments	*Tilt:* 22° back, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, dual input and brightness
USB hub	None
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

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Lenovo ThinkVision T2224z Wide

Product Specifications Reference (PSREF)

Name	**T2224z Wide Flat Panel Monitor**
Bezel color	**Raven black**
Type-model	**60F5MAR6US / 60F5MAT6EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**21.5"** (**546mm**) diagonal
Max view area (W x H)	18.74" x 10.54" (476.1mm x 267.8mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.248 x 0.248 mm
Dot/Pixel per Inch	102 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.69" (17.6mm)
Dimensions (HxWxD)	14.08" H x 20.19" W x 9.55" D; 357.8mm H x 512.9mm W x 242.7mm D
Power supply	21 watts typical, 25 watts maximum (without USB 3.0 hub), 45 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	10.63 lb; 4.83 kg
Limited warranty	**3 year** (includes backlight)
Available date	March 2015

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x768, 1280x800, 1366x768 WXGA+: 1440x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets / user settings	Standard presets: 27; user settings: 20

Features

- Widescreen 21.5-inch monitor
- Supports 1920x1080 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 / Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision T2224z Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, dual input and brightness
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 2 ports for accessories (2 USB 3.0)
Multimedia	Integrated digital speakers (3 watts x 2)
Camera	Integrated camera (Full HD) and digital dual array microphone
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter USB signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

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Lenovo ThinkVision T2254p Wide

Product Specifications Reference (PSREF)

Name	**T2254p Wide Flat Panel Monitor**
Bezel color	**Raven black**
Type-model	**61BAMAR2US / 60E1MAR2US / 60CCMAR2US / 60CCMAT2EU / 61BAMAT2EU**
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	**22.0"** (**559mm**) diagonal
Max view area (W x H)	18.70" x 11.70" (473.8mm x 296.1mm)
Native resolution	**1680x1050**
Aspect ratio	16:10
Pixel pitch (mm)	0.282 x 0.282 mm
Dot/Pixel per Inch	90 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.67" (17.1mm)
Dimensions (HxWxD)	14.63" H x 20.01" W x 9.55" D; 371.7mm H x 509.3mm W x 242.7mm D
Power supply	20 watts typical, 25 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	10.14 lb; 4.60 kg
Limited warranty	**3 year** (includes backlight)
Available date	March 2015

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x768, 1280x800, 1366x768 WXGA+: 1440x900 WSXGA+: 1600x900, 1680x1050
Presets / user settings	Standard presets: 28; user settings: 20

Features

- Widescreen 22.0-inch monitor
- Supports 1680x1050 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 / Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision T2254p Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, dual input and brightness
USB hub	None
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

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Lenovo ThinkVision T22i

Product Specifications Reference (PSREF)

Name	**T22i Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61A9MAR1US / 61A9MAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**21.5"** (**546mm**) diagonal
Max view area (W x H)	18.74" x 10.54" (476.1mm x 267.8mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.248 x 0.248 mm
Dot/Pixel per Inch	102 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical); 4ms (extreme mode)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2.0mm)
Dimensions (HxWxD)	14.08" H x 19.28" W x 9.92" D; 357.6mm H x 489.7mm W x 251.9mm D
Power supply	16.5 watts typical, 55 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	10.85 lb; 4.92 kg
Limited warranty	**3 year** (includes backlight)
Available date	April 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x768, 1366x768 WXGA+: 1440x900, 1680x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets display modes	HDMI: 17; DP: 17

Features

- Widescreen 21.5-inch monitor
- Supports 1920x1080 resolution
- Supports optional soundbar
- Supports ThinkCentre Tiny via VESA back mount
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T22i Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 4 ports for accessories (4 USB 3.0)
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter USB signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

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Lenovo ThinkVision T22v

Product Specifications Reference (PSREF)

Name	**T22v Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61BBMAR6US / 61BBMAT6EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**21.5"** (**546mm**) diagonal
Max view area (W x H)	18.74" x 10.54" (476.1mm x 267.8mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.248 x 0.248 mm
Dot/Pixel per Inch	102 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical); 4ms (extreme mode)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2.0mm)
Dimensions (HxWxD)	19.14" H x 19.28" W x 9.92" D; 485.8mm H x 489.7mm W x 251.9mm D
Power supply	18 watts typical, 43 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	10.16 lb; 4.61 kg
Limited warranty	**3 year** (includes backlight)
Available date	October 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets display modes	Presets: 24; user modes: 20

Features

- Widescreen 21.5-inch monitor
- Supports 1920x1080 resolution
- Supports optional soundbar
- Supports ThinkCentre Tiny via VESA back mount
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T22v Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access for power, menu, input source select, volume up / down, speaker mute and microphone mute
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 2 ports for accessories (2 USB 3.0)
Multimedia	Integrated speakers, dual-array microphone, audio-in and Audio-out, optional sound bar supported
Camera	Integrated FHD camera with IR
Multiple input	Support HDMI, DisplayPort, VGA
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter USB signal cable, 1.8 meter black power cord, 1.8 meter HDMI signal cable (Row)

Limited Warranty

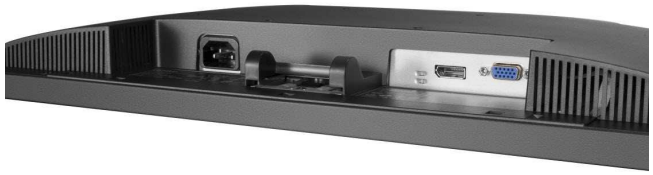
See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**



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Lenovo ThinkVision T2324d Wide

Product Specifications Reference (PSREF)

Name	**T2324d Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**60F3JAR2US / 60F3JAT2EU**
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	**23.0"** (**584mm**) diagonal
Max view area (W x H)	20.07" x 11.29" (509.8mm x 286.7mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2655 x 0.2655 mm
Dot/Pixel per Inch	96 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical
Stand	Tilt stand
Bezel width	*Sides:* 0.68" (17.3mm)
Dimensions (HxWxD)	15.75" H x 21.48" W x 8.06" D; 400.3mm H x 545.8mm W x 204.9mm D
Power supply	20 watts typical, 27 watts maximum <0.3 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	7.06 lb; 3.20 kg
Limited warranty	**3 year** (includes backlight)
Available date	June 2016

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x768, 1280x800, 1366x768 WXGA+: 1440x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets / user settings	Standard presets: 26; user settings: 16

Features

- Widescreen 23.0-inch monitor
- Supports 1920x1080 resolution
- Supports optional soundbar
- Supports ThinkCentre Tiny via VESA back mount
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T2324d Wide Monitor

Viewing adjustments	*Tilt:* 22° back, -5°
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, dual input and brightness
USB hub	None
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision T2364t Wide Touch

Product Specifications Reference (PSREF)

Name	**T2364t Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**60E9MAR1US / 60E9MAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**23.0"** (**584mm**) diagonal
Max view area (W x H)	20.05" x 11.28" (509.2mm x 286.4mm)
Native resolution	**1920x1080**
Touch	Supports 10-point touch
Aspect ratio	16:9
Pixel pitch (mm)	0.2652 x 0.2652 mm
Dot/Pixel per Inch	95 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt adjustable stand
Bezel width	*Sides:* 0.079" (2.0mm)
Dimensions (HxWxD)	12.53" H x 20.56" W x 2.86" D; 318.2mm H x 522.2mm W x 72.7mm D
Power supply	22 watts typical, 45 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	9.24 lb; 4.32 kg
Limited warranty	**3 year** (includes backlight)
Available date	June 2015

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA:	640x350, 640x480, 720x400, 700x570
	SVGA:	800x600, 832x624
	XGA:	1024x768, 1152x864
	SXGA:	1280x1024
	WXGA:	1366x768
	WXGA+:	1440x900, 1600x900
	WSXGA+:	1680x1050
	Full HD:	1920x1080
Presets / user settings	User settings: 20	

Features

- Widescreen 23.0-inch monitor
- Supports 1920x1080 resolution
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Gold certified
- 10-point touch screen
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T2364t

Viewing adjustments	*Tilt:* 10° - 70° degrees; detachable stand
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, dual input and brightness
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 3 ports for accessories (3 USB 3.0)
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, HDCP-compliant (3) DisplayPort, digital, black, HDCP-compliant
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, HDMI at each end, digital, 1.8 meter (3) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter HDMI cable, 1.8 meter DisplayPort cable, 1.8 meter USB signal cable, 1.8 meter black power cord

Limited Warranty

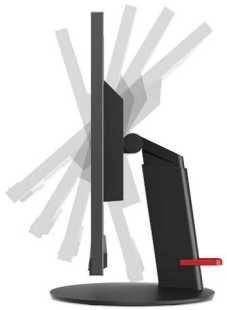
See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**



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Lenovo ThinkVision T23d-10

Product Specifications Reference (PSREF)

Name	**T23d-10 Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61C3MAR6US / 61C3MAT6EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**22.5"** (**571.5mm**) diagonal
Max view area (W x H)	19.5" x 12.4" (496.2mm x 313.9mm)
Native resolution	**1920x1200**
Aspect ratio	16:10
Pixel pitch (mm)	0.25 x 0.25 mm
Dot/Pixel per Inch	100.6 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.09" (2.3mm)
Dimensions (HxWxD)	19.37" H x 19.73" W x 9.9" D; 491.9mm H x 501.2mm W x 251.9mm D
Power supply	15 watts typical, 18 watts maximum, <0.3 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	10.67 lb; 4.85 kg
Limited warranty	**3 year** (includes backlight)
Available date	June 2018

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900 WSXGA+: 1680x1050 Full HD: 1920x1080 WUXGA: 1920x1200
Presets display modes	Standard presets: 27; user settings: 20

Features

- Widescreen 22.5-inch monitor
- Supports 1920x1200 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T23d-10 Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	None
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter black power cord, 1.8 meter HDMI signal cable (NA only)

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

Note: The specifications above may not be available in all regions.

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Lenovo ThinkVision T23i

Product Specifications Reference (PSREF)

Name	**T23i Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61ABMAR1US / 61ABMAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**23"** (**584.2mm**) diagonal
Max view area (W x H)	20.36" x 11.92" (517.2mm x 302.8mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2652 x 0.2652 mm
Dot/Pixel per Inch	95.8 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2.0mm)
Dimensions (HxWxD)	13.3" H x 20.56" W x 10.4" D; 337.7mm H x 522.2mm W x 264.2mm D
Power supply	16 watts typical, 45 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	10.85 lb; 4.92 kg
Limited warranty	**3 year** (includes backlight)
Available date	April 2017

Features

- Widescreen 23-inch monitor
- Supports 1920x1080 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T23i Wide Monitor

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**
Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA+: 1440x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets display modes	HDMI: 18; DP: 18
Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness and automatic image setup
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 4 ports for accessories (4 USB 3.0)
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)
Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter USB signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision T2424z Wide

Product Specifications Reference (PSREF)

Name	**T2424z Wide Flat Panel Monitor**
Bezel color	**Raven black**
Type-model	**60F8MAR1US / 60F8MAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**23.8"** (**604.7mm**) diagonal
Max view area (W x H)	20.75" x 11.67" (527.0mm x 296.5mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745 x 0.2745 mm
Dot/Pixel per Inch	92 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.69" (17.5mm)
Dimensions (HxWxD)	19.53" H x 22.19" W x 10.39" D; 496.0mm H x 563.6mm W x 264.2mm D
Power supply	22 watts typical, 40 watts maximum (without USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	12.90 lb; 5.85 kg
Limited warranty	**3 year** (includes backlight)
Available date	June 2016

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets / user settings	Standard presets: 31; user settings: 20

Features

- Widescreen 23.8-inch monitor
- Supports 1920x1080 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 / Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision T2424z Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, dual input and brightness
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 2 ports for accessories (2 USB 3.0)
Multimedia	Integrated digital speakers (3 watts x 2)
Camera	Integrated camera (Full HD) and digital dual array microphone
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter USB signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision T2454p Wide

Product Specifications Reference (PSREF)

Name	**T2454p Wide Flat Panel Monitor**
Bezel color	**Raven black**
Type-model	**60F9MAR1US / 60F9MAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**24.0"** (**609.6mm**) diagonal
Max view area (W x H)	20.41" x 12.76" (518.4mm x 324.0mm)
Native resolution	**1920x1200**
Aspect ratio	16:10
Pixel pitch (mm)	0.270 x 0.270 mm
Dot/Pixel per Inch	94 dpi
Brightness	300 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	77.4%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.74" (18.8mm)
Dimensions (HxWxD)	15.85" H x 21.94" W x 10.39" D; 402.5mm H x 557.4mm W x 264.2mm D
Power supply	24 watts typical, 27 watts maximum (without USB 3.0 hub), 54 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	13.60 lb; 6.15 kg
Limited warranty	**3 year** (includes backlight)
Available date	March 2015

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1280x720, 1280x768, 1280x800 WXGA+: 1440x900 WSXGA+: 1680x1050, 1600x1200 Full HD: 1920x1080, 1920x1200
Presets / user settings	Standard presets: 21; user settings: 20

Features

- Widescreen 24.0-inch monitor
- Supports 1920x1200 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 / Windows 8.1 certified
- Microsoft Windows 10 certified

ThinkVision T2454p Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup, dual input and brightness
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 4 ports for accessories (4 USB 3.0)
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DisplayPort cable, 1.8 meter USB signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision T24d

Product Specifications Reference (PSREF)

Name	**T24d Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61B4MAR1US / 61B4MAT1EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**24"** (**609.6mm**) diagonal
Max view area (W x H)	20.41" x 12.75" (518.4mm x 324mm)
Native resolution	**1920x1200**
Aspect ratio	16:10
Pixel pitch (mm)	0.27 x 0.27 mm
Dot/Pixel per Inch	94 dpi
Brightness	300 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	99%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2.0mm)
Dimensions (HxWxD)	19.58" H x 20.99" W x 10.25" D; 497.4mm H x 533.2mm W x 260.4mm D
Power supply	22 watts typical, 64 watts maximum (with USB 3.0 hub), <0.3 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	12.41 lb; 5.63 kg
Limited warranty	**3 year** (includes backlight)
Available date	June 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900 WSXGA+: 1680x1050 Full HD: 1920x1080 WUXGA: 1920x1200
Presets display modes	Standard presets: 22; user settings: 20

Features

- Widescreen 24-inch monitor
- Supports 1920x1200 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T24d Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 4 ports for accessories (4 USB 3.0)
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter USB signal cable, 1.8 meter black power cord, 1.8 meter HDMI signal cable (NA only)

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision T24i

Product Specifications Reference (PSREF)

Name	**T24i Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61A6MAR3US / 61A6MAT3EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**23.8"** (**604.7mm**) diagonal
Max view area (W x H)	20.75" x 11.67" (527.04mm x 296.5mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745 x 0.2745 mm
Dot/Pixel per Inch	93 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2.0mm)
Dimensions (HxWxD)	14.7" H x 21.26" W x 10.3" D; 373.4mm H x 540.2mm W x 261.75mm D
Power supply	16.5 watts typical, 55 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	11.57 lb; 5.25 kg
Limited warranty	**3 year** (includes backlight)
Available date	April 2017

Features

- Widescreen 23.8-inch monitor
- Supports 1920x1080 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T24i Wide Monitor

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**
Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1680x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets display modes	HDMI: 17; DP: 17
Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness and automatic image setup
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 4 ports for accessories (4 USB 3.0)
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)
Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter USB signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

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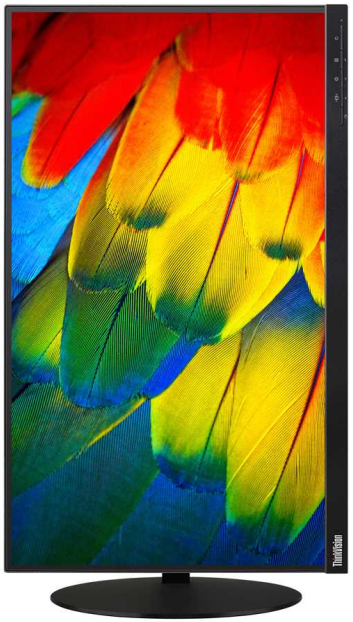
See all monitors at **www.lenovo.com/thinkvision**



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Lenovo ThinkVision T24m

Product Specifications Reference (PSREF)

Name	**T24m Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61B8RAR3US / 61B8RAT3EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**23.8"** (**604.7mm**) diagonal
Max view area (W x H)	20.75" x 11.67" (527.04mm x 296.46mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745 x 0.2745 mm
Dot/Pixel per Inch	92 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical)
Color gamut	99% sRGB
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2.0mm)
Dimensions (HxWxD)	19.03" H x 21.26" W x 10.3" D; 483.4mm H x 540.2mm W x 261.75mm D
Power supply	17 watts typical, 110 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	12.34 lb; 5.6 kg
Limited warranty	**3 year** (includes backlight)
Available date	August 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x480 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080,1920x1200
Presets display modes	HDMI: 19; DP: 11

Features

- Widescreen 23.8-inch monitor
- Supports 1920x1080 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T24m Wide Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 4 ports for accessories (4 USB 3.0)
Multimedia	Audio-out, optional sound bar supported
Multiple input	Support HDMI, DisplayPort, USB 3.1 Type-C
Monitor connectors	(1) HDMI (1.4), digital, **HDCP-compliant** (2) DisplayPort (1.2), digital, **HDCP-compliant** (3) USB 3.1 Type-C
Signal cables	(1) 1.8 meter USB Type-C to USB Type-C cable
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter USB Type-C to USB Type-C cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

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Lenovo ThinkVision T24v

Product Specifications Reference (PSREF)

Name	**T24v Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**61BCMAR6US / 61BCMAT6EU**
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	**23.8"** (**604.5mm**) diagonal
Max view area (W x H)	20.75" x 11.67" (527.04mm x 296.46mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745 x 0.2745 mm
Dot/Pixel per Inch	92 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical); 4ms (extreme mode)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2.0mm)
Dimensions (HxWxD)	19.72" H x 21.28" W x 10.32" D; 500.5mm H x 540.2mm W x 261.9mm D
Power supply	20 watts typical, 45 watts maximum (with USB 3.0 hub), <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	11.18 lb; 5.07 kg
Limited warranty	**3 year** (includes backlight)
Available date	October 2017

Features

- Widescreen 23.8-inch monitor
- Supports 1920x1080 resolution
- Supports ThinkCentre Tiny Clamp Bracket
- Supports optional soundbar
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision T24v Wide Monitor

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**
Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets display modes	Presets: 24; user modes: 20
Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access for power, menu, input source select, volume up / down, speaker mute and microphone mute
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 2 ports for accessories (2 USB 3.0)
Multimedia	Integrated speakers, dual-array microphone, audio-in and Audio-out, optional sound bar supported
Camera	Integrated FHD camera with IR
Multiple input	Support HDMI, DisplayPort, VGA
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, HDMI at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories, 100mm x 100mm mount
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)
Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter analog signal cable, 1.8 meter DP signal cable, 1.8 meter USB signal cable, 1.8 meter black power cord, 1.8 meter HDMI signal cable (Row)

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

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Lenovo ThinkVision X24 Pro Wide

Product Specifications Reference (PSREF)

Name	**X24 Pro Wide Flat Panel Monitor**
Bezel color	**Black**
Type-model	**60E4ECR1US / 60E4ECT1US / 60E4ECT1EU**
Panel	TFT-LCD, AH-IPS (In-Plane Switching), White LED backlight
Viewable image size	**23.8"** (**604.5mm**) diagonal
Max view area (W x H)	20.75" x 11.67" (527.0mm x 296.5mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745 x 0.2745 mm
Dot/Pixel per Inch	92 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt stand
Bezel width	*Sides:* 0.09" (2.3mm)
Dimensions (HxWxD)	17.61" H x 21.30" W x 9.39" D; 447.4mm H x 540.9mm W x 238.4mm D
Power supply	20 watts typical, 90 watts maximum, <0.5 watts standby/suspend, universal, external power supply
Weight	9.26 lb; 4.20 kg
Limited warranty	**1 year** (includes backlight)
Available date	July 2016

Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 6.0, WEEE, RoHS, **EPEAT™ Silver rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets / user settings	Standard presets: 16; user settings: 20

Features

- Widescreen 23.8-inch monitor
- Supports 1920x1080 resolution
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Silver certified
- Intel RealSense 3D camera
- Stereo speakers 3 watts x 2
- One cable docking through USB 3.1 Type C with power delivery
- Windows Hello certified
- Microsoft® Windows® 10 certified

ThinkVision X24 Pro Wide Monitor

Viewing adjustments	*Tilt:* 22° back, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls
Control features	Direct access (buttons on side bezel) for dual input and brightness
USB hub	USB Hub: two USB 3.1 Type-C and one micro USB 3.0 ports
Multimedia	Integrated stereo speakers (3 watts x 2), bulit-in microphone
Camera	RealSense 3D camera SR300
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) mDP, Mini DisplayPort, digital, **HDCP-compliant** (2) USB Type-C, digital
Signal cables	(1) detachable, mDP to DP, digital, 2.0 meter (2) DP to mDP adapter (3) Micro USB 3.0 cable
Mounting features	None
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, ThinkPad 90W Square tip power adaptor, 2.0 meter Mini DisplayPort to DisplayPort signal cable (with DP to mDP adapter), Micro USB 3.0 cable (for using camera)

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

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Lenovo ThinkVision X24-20

Product Specifications Reference (PSREF)

Name	**X24-20 Flat Panel Monitor**
Bezel color	**Raven black**
Type-model	**61BDGAR3US / 61BDGAT3EU**
Panel	TFT-LCD, IPS (In-Plane Switching), White LED backlight
Viewable image size	**23.8"** (**604.5mm**) diagonal
Max view area (W x H)	20.75" x 11.67" (527.0mm x 296.5mm)
Native resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745 x 0.2745 mm
Dot/Pixel per Inch	92 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical)
Color gamut	72% (NTSC)
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Stand	Tilt stand
Bezel width	*Sides:* 0.04" (1.1mm)
Dimensions (HxWxD)	12.85" H x 21.16" W x 8.66" D; 326.4mm H x 537.4mm W x 220mm D
Power supply	20 watts typical, 25 watts maximum, <0.5 watts standby/suspend, universal, external power supply
Weight	7.3 lb; 3.3 kg
Limited warranty	**3 year** (includes backlight)
Available date	December 2017

Power management	ENERGY STAR® qualified
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Silver rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080
Presets / user settings	Standard presets: 18; user settings: 0

Features

- Widescreen 23.8-inch monitor
- Supports 1920x1080 resolution
- Includes dual input connection for attachment to two systems concurrently
- EPEAT Silver certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision X24-20 Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on side bezel) for power, dual input and brightness
USB hub	None
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) HDMI (1.4a), digital, **HDCP-compliant** (2) DisplayPort, digital, black, **HDCP-compliant**
Signal cables	(1) detachable, HDMI at each end, digital, 1.8 meter
Mounting features	None
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor with stand, Safety and Warranty Information, 1.8 meter HDMI signal cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision P27

Product Specifications Reference (PSREF)

Name	**P27 Wide Flat Panel Monitor**
Case color	**Black**
Type-model	**60E3GAR1US / 60E3GAT1EU**
Panel	TFT-LCD, IPS (In-Plane Switching), White LED backlight
Viewable image size	**27"** (**684.7mm**) diagonal
Max view area (W x H)	23.49" x 13.21" (596.7mm x 335.7mm)
Optimum resolution	**3840x2160**
Max pixel rate	600MHz
Aspect ratio	16:9
Pixel pitch (mm)	0.16 x 0.16mm
Dot/Pixel per Inch	163 dpi
Brightness	300 nits or cd/m^2 (typical)
Contrast ratio	1300:1 (typical)
Pixel response time	6ms
Color gamut	99%
Viewing angle at 10:1 CR	178° horizontal, 178° vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.088" (2.23mm)
Dimensions	18.59" H x 24.19" W x 11.81" D;
(HxWxD, including stand)	472.3mm H x 614.5mm W x 299.9mm D
Power supply	40 watts typical, 70 watts maximum (with USB), <0.5 watts sleep/off; <0.5 watts switch off
Weight	15.12 lb; 6.86kg (including stand)
Limited warranty[4]	**3 year**
Available date	March 2016

Features

- 27-inch IPS LED backlit monitor with speaker
- Supports 3840x2160 resolution
- 5-Ports USB hub, support USB 3.0
- 3watts x 2 stereo speakers
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision P27 Monitor

VESA-compliant[2]	VESA DDC2B/CI
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, RoHS, **EPEAT™ Gold rating**, ULE Gold

Preset resolutions	VGA:	640x350, 640x480, 720x400
	SVGA:	800x600
	XGA:	1024x768, 1152x864
	SXGA:	1280x1024
	WXGA:	1280x720, 1280x768, 1280x800, 1360x768
	WXGA+:	1440x900, 1600x900
	WSXGA+:	1680x1050
	Full HD:	1920x1080, 1920x1200
	UHD:	3840x2160
Presets / user settings	Standard presets: 20; user settings: 20	

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 3.15" (80mm); *swivel:* +/-45°
Rotating screen	**Screen pivots 90 degrees from landscape to portrait**
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (touch buttons on front) for menu, mute, volume up/down, and brightness
USB hub	USB Hub: one USB 3.0 upstream port, four USB 3.0 downstream ports
Multimedia	Integrated stereo speakers (3 watts x 2)
Camera	None
Multiple input	Support HDMI, DisplayPort
Monitor connectors	(1) HDMI (2.0), digital, **HDCP-compliant** (2) DisplayPort (1.2), digital, **HDCP-compliant**
Signal cables	(1) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor, detachable stand, Quick start and safety poster, 1.8 meter DisplayPort cable, 1.8 meter USB 3.0 cable, 1.8 meter black power cord, mini DP to DP adapter, power adapter (90W)

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303

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Lenovo ThinkVision P27h

Product Specifications Reference (PSREF)

Name	**P27h Wide Flat Panel Monitor**
Case color	**Black**
Type-model	**61AFGAR1US / 61AFGAT1EU**
Panel	TFT-LCD, IPS (In-Plane Switching), White LED backlight
Viewable image size	**27"** (**685.8mm**) diagonal
Max view area (W x H)	23.49" x 13.21" (596.7mm x 335.7mm)
Optimum resolution	**2560x1440**
Max pixel rate	300MHz
Aspect ratio	16:9
Pixel pitch (mm)	0.2331 x 0.2331mm
Dot/Pixel per Inch	109 dpi
Brightness	350 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	4ms (extreme) / 6ms (typical)
Color gamut	99% sRGB
Viewing angle at 10:1 CR	178° horizontal, 178° vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2mm)
Dimensions	20.21" H x 24.08" W x 10.62" D;
(HxWxD, including stand)	513mm H x 611.6mm W x 269.8mm D
Power supply	38 watts typical, 140 watts maximum (with USB), <0.5 watts sleep/off; <0.5 watts switch off integrated (no external brick-like power supply)
Weight	15.43 lb; 7.0kg (including stand)
Limited warranty	**3 year**
Available date	April 2017

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, RoHS, **EPEAT™ Gold rating**, ULE Gold

Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1680x900 WSXGA+: 1680x1050 Full HD: 1920x1080, 1920x1200 QHD: 2560x1440
Presets display modes	HDMI: 22; DP: 14

Features

- 27-inch IPS LED backlit monitor
- Supports 2560x1440 resolution
- 5-Ports USB hub, support USB 3.0
- Supports optional soundbar
- Support ThinkCentre Tiny
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision P27h Monitor

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.33" (110mm); *swivel:* +/-45°
Rotating screen	**Screen pivots 90 degrees from landscape to portrait**
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	USB Hub: one USB 3.1 Type-C upstream port, four USB 3.0 Type-A downstream ports
Multimedia	Audio-out, optional sound bar supported
Camera	None
Multiple input	Support HDMI, DisplayPort, USB 3.1 Type-C, DisplayPort-out
Monitor connectors	(1) 2*HDMI (1.4), digital, **HDCP-compliant** (2) DisplayPort (1.2), digital, **HDCP-compliant** (3) DisplayPort-out, digital (4) USB 3.1 Type-C
Signal cables	(1) USB 3.1 Type-C cable, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor, detachable stand, Quick start and safety poster, 1.8 meter USB 3.1 Type-C cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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Lenovo ThinkVision P27u

Product Specifications Reference (PSREF)

Name	**P27u Wide Flat Panel Monitor**
Case color	**Black**
Type-model	**61CBGAR1US / 61CBGAT1EU / 61CBGAR1EU / 61B0GAR1US / 61B0GAT1EU**
Panel	TFT-LCD, IPS (In-Plane Switching), White LED backlight
Viewable image size	**27"** (**684.7mm**) diagonal
Max view area (W x H)	23.49" x 13.21" (596.74mm x 335.66mm)
Optimum resolution	**3840x2160**
Max pixel rate	600MHz
Aspect ratio	16:9
Pixel pitch (mm)	0.1554 x 0.1554mm
Dot/Pixel per Inch	163 dpi
Brightness	350 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	6ms (typical)
Color gamut	1.457 sRGB
Viewing angle at 10:1 CR	178° horizontal, 178° vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	*Sides:* 0.08" (2mm)
Dimensions (HxWxD, including stand)	20.21" H x 24.08" W x 10.62" D; 513.3mm H x 611.6mm W x 269.8mm D
Power supply	50 watts typical, 160 watts maximum (with USB), <0.5 watts sleep/off; <0.3 watts switch off integrated (no external brick-like power supply)
Weight	15.32 lb; 6.95kg (including stand)
Limited warranty	**3 year**
Available date	August 2017

Features

- 27-inch IPS LED backlit monitor
- Supports 3840x2160 resolution
- 5-Ports USB hub, support USB 3.0
- Support ThinkCentre Tiny
- Supports optional soundbar
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision P27u Monitor

VESA-compliant	VESA DDC2B/CI
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, TCO Certified Edge 2.0, WEEE, RoHS, **EPEAT™ Gold rating**, ULE Gold

Preset resolutions	VGA:	640x480, 720x400, 720x480, 720x576
	SVGA:	800x600
	XGA:	1024x768
	SXGA:	1280x720, 1280x800, 1280x1024
	WXGA+:	1440x900, 1600x900
	WSXGA+:	1680x1050
	Full HD:	1920x1080, 1920x1200
	QHD:	2560x1440
	UHD:	3840x2160
Presets / user settings	Standard presets: 27; user settings: 20	

Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.33" (110mm); *swivel:* +/-45°
Rotating screen	**Screen pivots 90 degrees from landscape to portrait**
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for power, menu, input source select and brightness
USB hub	USB Hub: one USB 3.1 Type-C port, four USB 3.0 Type-A downstream ports
Multimedia	Audio-out, optional sound bar supported
Camera	None
Multiple input	Support HDMI, DisplayPort, USB 3.1 Type-C
Monitor connectors	(1) 2*HDMI (2.0), digital, **HDCP-compliant** (2) DisplayPort (1.2), digital, **HDCP-compliant** (3) USB 3.1 Type-C
Signal cables	(1) detachable, DisplayPort to DisplayPort, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor, detachable stand, Quick start and safety poster, 1.8 meter USB Type-C to USB Type-C cable, 1.8 meter DP to DP cable, 1.8 meter HDMI to HDMI cable (NA only), 1.8 meter black power cord, 1.8 meter USB Type-C to USB Type-A cable

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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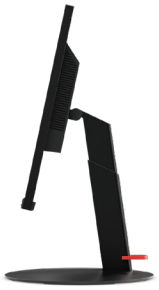
ThinkVision P32u-10 MONITOR



SPECIFICATIONS

DISPLAY

Panel Size	32"
Panel Type	In-Plane Switching
Backlight	WLED
Resolution	3840 x 2160
Aspect Ratio	16:9
Anti-Glare	Yes
Screen Dimensions (W x H) (mm)	708.48 (H) x 398.52 (V)
Maximum Brightness (Typical)	300 cd/m²
Viewing Angle (H/V at CR 10:1)	178°/178°
Contrast Ratio (Typical)	1000:1
Dynamic Contrast Ratio	3M:1
Pixel Pitch (W x H) (mm)	0.1845 (H) x 0.1845 (V)
Dot/Pixel Per Inch (DP/PPI)	137
Color Gamut (1931)	99.5% AdobeRGB
Response Time (Typical)	6 ms

POWER CONSUMPTION

Typical	70 W
Maximum	200 W
Sleep-Mode	≤0.5 W
Switch Off-Mode	≤0.5 W
Power Supply	External
Power Voltage	90 VAC – 264 VAC
Voltage Dynamic Frequency	47 Hz – 63 Hz

SIGNAL INPUT

Video Input Signals	2 x HDMI™ 2.0 + DisplayPort™ 1.2 + Thunderbolt™ 3.0-In + Thunderbolt™ 3.0-Out
Video Cables Supplied	HDMI™, DisplayPort™, Thunderbolt™ 3.0
Video Cable Length	2 m for Thunderbolt™, 1.8 m for HDMI™ and DisplayPort™
USB Hub	Yes (4 x Downstream, 1 x BC)
USB Cable Supplied	Yes (USB Type-A to Type-B)
Audio-Out	Yes (3.5 mm)

SIGNAL INTERFACE / PERFORMANCE

Horizontal Frequency	30 kHz – 160 kHz
Vertical Frequency	23 Hz – 80 Hz
Native Resolution	3840 x 2160
Maximum Pixel Clock Speed / Bandwidth	HDMI™ : 600 MHz Display Port™: 5.4 Gbps Thunderbolt™: 10 Gbps
Preset / User	28 / 20
OSD Buttons	5 Buttons
OSD Languages	English, French, German, Spanish, Italian, Japanese, Simplified Chinese, Russian

MECHANICAL

Tilt Angle (Front / Back)	-5° / 22°
Swivel Angle (Left / Right)	45° / 45°
Lift (mm)	110
(CW / CCW)	90° / 90°
VESA® Mount (mm)	100 x 100
Kensington® Lock Slot	Yes
Cable Management	Yes
Bezel Color	Raven Black
Bezel Width	
Top (mm / inches)	2 / 0.08"
Bottom (mm / inches)	23.8 / 0.94"
Sides (mm / inches)	2 / 0.08"

ENVIRONMENTAL

Temperature	
Operating	0°C – 40°C
Non-Operating	-20°C – 60°C
Humidity	
Operating	8% – 80%
Non-Operating	5% – 95%
Altitude	
Operating	0 ft – 5000 ft
Non-Operating	0 ft – 40,000 ft
Arsenic-Free Glass	Yes
PVC-Free	Yes
Mercury-Free	Yes
PCC % of Plastic Resins	85% with >25 g Plastic Parts

DIMENSIONS (W x D x H)

Size Packed	
(mm)	844 x 228 x 528
(inches)	33.23" x 8.98" x 20.79"
Size Unpacked with Stand	
Lowest Position	
(mm)	726.7 x 350 x 497.8
(inches)	28.61" x 13.78" x 19.6"
Highest Position	
(mm)	726.7 x 350 x 606.8
(inches)	28.61" x 13.78" x 23.89"
Size Unpacked without Stand (Monitor Head Only)	
(mm)	726.7 x 63.3 x 431.5
(inches)	28.61" x 2.49" x 16.99"
Distance from Table to Panel	
Lowest Pixel at Bottom of Screen (mm / inches)	90.9 / 3.58"
Highest Pixel at Top of Screen (mm / inches)	489.4 / 19.27"
Stand Base Footprint Area (mm / inches)	350 x 350 / 13.78" x 13.78"
Weight	
Packed	Starting at 29.32 lbs (13.3 kg)
Unpacked	Starting at 22.05 lbs (10 kg)
Monitor Head Only	Starting at 15.21 lbs (6.9 kg)

COMPLIANCE

EPEAT™	Gold
ENERGY STAR® Rating	7.0
TCO	TCO 7.0 / TCO Edge 2.0
Windows Certification	Windows 7 / Windows 10
China Energy Efficiency Standard	Tier 2

WARRANTY AND AVAILABILITY

Warranty	3 Years
Geography Availability	WW

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Lenovo ThinkVision Pro2820 Wide

Product Specifications Reference (PSREF)

Name	**Pro2820 Wide Flat Panel Monitor**
Case color	**Black**
Type-model	**60FCRAR6US / 60FCRAT6EU**
Panel	TFT-LCD, with wide viewing angle (WVA) technology, White LED backlight
Viewable image size	**28"** (**711mm**) diagonal
Max view area (W x H)	24.44" x 13.44" (620.9mm x 341.3mm)
Optimum resolution	**1920x1080**
Max pixel rate	205MHz (VGA); 165MHz(DP/ HDMI); 149MHz (MHL)
Frequency	Supports 1920 x 10800 @ 60Hz
Aspect ratio	16:9
Pixel pitch (mm)	0.32 x 0.32mm
Dot/Pixel per Inch	79 dpi
Brightness	300 nits or cd/m^2 (typical)
Contrast ratio	3000:1 (typical)
Pixel response time	6.5ms
Color gamut	72%
Viewing angle at 10:1 CR	178° horizontal, 178° vertical
Stand	Tilt, swivel, and height adjustable stand
Bezel width	*Sides:* 0.86" (21.85mm)
Dimensions (HxWxD, excluding stand)	17.45" H x 26.21" W x 2.30" D; 443.3mm H x 665.9mm W x 58.2mm D
Dimensions (HxWxD, including stand)	17.45" H x 26.21" W x 11.41" D; 443.3mm H x 665.9mm W x 289.9mm D
Power supply	60 watts typical, 90 watts typical (with USB), 65 watts maximum, 95 watts maximum (with USB), <1.2 watts sleep/off; <0.5 watts switch off integrated (no external brick-like power supply)
Weight	17.84 lb; 8.11kg (including stand)
Limited warranty[4]	**3 year** (includes backlight)
Available date	September 2014

VESA-compliant[2]	VESA DDC2B/CI
Power management	ENERGY STAR® 6.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 6.0, TCO Certified Edge 1.2, RoHS, **EPEAT™ Gold rating**, ULE Gold

Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1024x760 SXGA: 1280x1024 WXGA: 1280x720, 1280x800, 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080 Others: 1152x864
Presets / user settings	Standard presets: 17; user settings: 17

Features

- 28-inch MVA (Multi-domain Vertical Alignment) panel LED backlit monitor
- Supports 1920x1080 resolution
- 5-Ports USB hub, support USB 3.0
- Arsenic/Mercury free
- Microsoft® Windows® 7
- Windows 8/ Windows 8.1 certified

ThinkVision Pro2820 Monitor

Viewing adjustments	*Tilt:* 25° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°
Rotating screen	**Screen pivots 90 degrees from landscape to portrait**
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (touch buttons on front) for automatic image setup, input switch, and brightness
USB hub	USB Hub: one USB 3.0 upstream port, four USB 3.0 downstream ports
Multimedia	None
Camera	None
Multiple input	Support VGA, HDMI, DisplayPort, MHL connections (Mobile High-definition Link)
Monitor connectors	(1) VGA 15-pin D-shell, analog (2) HDMI (1.4), digital, **HDCP-compliant** (3) DisplayPort (1.2), digital, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor, detachable stand, Quick start and safety poster, 1.8 meter DisplayPort cable, 1.8 meter VGA cable, 1.8 meter USB 3.0 cable, 1.8 meter black power cord

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303

See details at **www.lenovo.com/support/monitoraccessories**

See all monitors at **www.lenovo.com/thinkvision**

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ThinkVision® T27i-10

DISPLAY

Panel Size
27 inch

Screen Dimensions (H x V) (mm)
597.89 (H) × 336.31 (V)

Panel Type
In-Plane Switching

Backlight
WLED

Aspect Ratio
16:9

Resolution
1920 x 1080

Pixel Pitch (H x V) (mm)
0.3110 × 0.3110

Viewing angle (H x V)
178°/ 178°

Response Time (gray to gray)
4 ms (extreme mode)
6 ms (normal mode)

Contrast Ratio (typical)
1000:1

Dynamic Contrast Ratio (typical)
3M:1

Color Gamut NTSC (CIE 1931)
72%

Color Support
16.7M

CONNECTIVITY

Video Input Signals
VGA + HDMI 1.4 + DP 1.2

USB Hub
Yes
1 x USB 3.0 (Upstream)
4 x USB 3.0 (Downstream, incl. 1BC)

Cable Length
1.8 m

Audio Out
Yes (3.5 mm)

Power Consumption
22W (Typical) / 58W (max) at On mode;
<0.5W at Sleep mode; <0.3W at Switch off mode

MULTI-MEDIA

Optional Soundbar Support
Yes

DIMENSIONS

Size Packed (D x H x W) (mm/inch)
187 x 455 x 715 mm / 7.362 x 17.913 x 28.15 inch

Size Unpacked w/stand (D x H x W) (mm/inch) (Lowest Position)
269.8 x 403.3 x 611.9 mm / 10.62 x 15.88 x 24.09 inch

Size Unpacked w/stand (D x H x W) (mm/inch) (Highest Position)
269.8 x 513.3 x 611.9 mm / 10.62 x 20.21 x 24.09 inch

Size Unpacked w/o stand (D x H x W) (mm/inch) (Head Only)
49.9 x 366.5 x 611.9 mm / 1.96 x 14.43 x 24.09 inch

Weight Packed (kg/lbs.)
9.32kg / 20.55 lbs.

Weight Unpacked (kg/lbs.)
6.55kg / 14.44 lbs.

Weight (Monitor Head Only) (kg/lbs.)
4.60kg / 10.14 lbs.

SPECIAL FEATURES

Anti-Glare
Yes

Thin Client Support (Tiny)
Yes
(by Tiny Clamp Bracket Kit+VESA mount PN:4XF0N82412+ PN:4XF0N03161)

MECHANICAL

Tilt Angle (front/back)
-5°/30°

Swivel Angle (left/right)
-45°/+45°

Lift (Max range)
110 mm

Pivot
-90°/90°

VESA Mount
Yes (100 mm)

Kensington™ Lock Slot
Yes

Cable Management
Yes

Bezel Color
Raven Black

Bezel Width (Side)
2.0 mm

WHAT'S IN THE BOX

Monitor with stand
1 x Power cable
1 x DP-DP cable
1 x HDMI cable (NA only)
1 x USB 3.0 cable
Quick setup guide

CERTIFICATIONS

ENERGY STAR Rating
7.0

CCC
Yes

TCO
7.0

EPEAT™
Gold

ULE
Gold

Windows Certification
Windows 7, Windows 10

China Energy Efficiency Standard
Tier 2

Ambient Operating Temperature
0°C to 40°C

Eye Comfort Certification
Yes

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Specifications may vary depending upon region.

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Lenovo ThinkVision X1

Product Specifications Reference (PSREF)

Name	**X1 Wide Flat Panel Monitor**
Case color	**Black**
Type-model	**60E2GAR1US / 60E2GAT1US / 60E2GAT1EU**
Panel	TFT-LCD, IPS (In-Plane Switching), White LED backlight
Viewable image size	**27" (684.7mm)** diagonal
Max view area (W x H)	23.49" x 13.21" (596.7mm x 335.7mm)
Optimum resolution	**3840x2160**
Max pixel rate	600MHz
Aspect ratio	16:9
Pixel pitch (mm)	0.16 x 0.16mm
Dot/Pixel per Inch	163 dpi
Brightness	300 nits or cd/m^2 (typical)
Contrast ratio	1300:1 (typical)
Pixel response time	6ms
Color gamut	99%
Viewing angle at 10:1 CR	178° horizontal, 178° vertical
Stand	Tilt stand
Bezel width	*Sides:* 0.088" (2.23mm)
Dimensions (HxWxD, including stand)	19.35" H x 24.19" W x 10.63" D; 491.4mm H x 614.5mm W x 270.0mm D
Power supply	40 watts typical, 130 watts maximum (with USB), <0.5 watts sleep/off; <0.5 watts switch off
Weight	14.11 lb; 6.40kg (including stand)
Limited warranty[4]	**3 year**
Available date	March 2016

VESA-compliant[2]	VESA DDC2B/CI
Power management	ENERGY STAR® 7.0
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO Displays 7.0, RoHS, **EPEAT™ Silver rating**, ULE Gold

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x720, 1280x768, 1280x800, 1360x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080, 1920x1200 UHD: 3840x2160
Presets / user settings	Standard presets: 20; user settings: 20

Features

- 27-inch IPS LED backlit monitor with speaker
- Supports 3840x2160 resolution
- 5-Ports USB hub, support USB Type-C
- 3watts x 2 stereo speakers
- Microsoft® Windows® 7 certified
- Microsoft Windows 10 certified

ThinkVision X1 Monitor

Viewing adjustments	*Tilt:* 22° back, -5° forward;
Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (touch buttons on front) for menu, mute, volume up/down, and brightness
USB hub	USB Hub: one USB 3.1 Type-C upstream port, four USB 3.0 Type-A downstream ports
Multimedia	Integrated stereo speakers (3 watts x 2), bulit-in microphone
Camera	Full HD camera with LED light
Multiple input	Support HDMI, DisplayPort
Monitor connectors	(1) HDMI (1.4), digital, **HDCP-compliant** (2) DisplayPort (1.2), digital, **HDCP-compliant**
Signal cables	(1) detachable, HDMI at each end, digital, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group	Monitor, detachable stand, Quick start and safety poster, 1.8 meter DisplayPort cable, 1.8 meter HDMI cable, 1.8 meter USB Type-C cable, 1.8 meter USB Type-C to Type-A cable, 1.8 meter black power cord, mini DP to DP adapter, power adapter (135W)

Limited Warranty

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303

See details at **www.lenovo.com/support/monitoraccessories**

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ThinkVision X1 (2nd GEN) MONITOR

SPECIFICATIONS

DISPLAY

Panel Size	27"
Panel Type	In-Plane Switching
Backlight	WLED
Resolution	3840 (H) x 2160 (V)
Aspect Ratio	16:9
Anti-Glare	Yes
Screen Dimensions (W x H) (mm)	596.7 (H) x 335.7 (V)
Maximum Brightness (Typical)	350 cd/m²
Viewing Angle (H/V at CR 10:1)	178°/178°
Contrast Ratio (Typical)	1000:1
Dynamic Contrast Ratio	3M:1
Pixel Pitch (W x H) (mm)	0.1554 x 0.1554
Dot/Pixel Per Inch (DP/PPI)	163
Color Gamut (CIE 1931)	99% sRGB
Response Time (Extreme/Typical/Off)	4/6/14 ms (G-to-G)

POWER CONSUMPTION

Typical	65 W
Maximum	135 W
Sleep-Mode	0.5 W
Switch Off-Mode	0.5 W
Power Supply	External
Power Voltage	90 VAC – 264 VAC
Voltage Dynamic Frequency	47 Hz – 63 Hz

SIGNAL INPUT

Video Input Signals	DisplayPort™ 1.2 + HDMI™ 2.0 + Thunderbolt™ 3
Video Cables Supplied	HDMI™ + USB Type-C™
Video Cable Length	1.8 m
USB Hub	Yes (4 x USB 3.0)
USB Cable Supplied	USB Type-A to C
Audio-Out	Yes (3.5 mm)

SIGNAL INTERFACE / PERFORMANCE

Horizontal Frequency	30 kHz – 60 kHz
Vertical Frequency	23 Hz – 80 Hz
Native Resolution	3840 x 2160
Maximum Pixel Clock Speed/ Bandwidth	20 Gbps
Default Color Temperature	6500K
Preset Modes	24
OSD Buttons	2 Buttons + Tracking Point
OSD Languages	English, French, Italian, German, Spanish, Japanese, Chinese, Russian

MECHANICAL

Tilt Angle (Front / Back)	-5° / 30°
Swivel Angle (Left / Right)	N/A
Lift (mm)	N/A
Pivot	N/A
VESA® Mount (mm)	N/A
Kensington® Lock Slot	Yes
Cable Management	Yes
Bezel Color	N/A
Bezel Width	
Top (mm / inches)	N/A
Bottom (mm / inches)	1.85 / 0.07"
Sides (mm / inches)	N/A

ENVIRONMENTAL

Temperature	
Operating	0°C – 45°C
Non-Operating	-20°C – 60°C
Humidity	
Operating	8% – 80%
Non-Operating	5% – 95%
Altitude	
Operating	16,000 ft
Non-Operating	40,000 ft
Arsenic-Free Glass	Yes
PVC-Free	N/A
Mercury-Free	Yes
PCC % of Plastic Resins	25%

DIMENSIONS (W x D x H)

Size Packed	
(mm)	718 x 140 x 470
(inches)	28.27" x 5.51" x 18.5"
Size Unpacked with Stand Lowest Position	
(mm)	609.74 x 234.81 x 123.05
(inches)	24" x 9.24" x 4.84"
Highest Position	
(mm)	609.74 x 234.81 x 474.76
(inches)	24" x 9.24" x 18.69"
Size Unpacked without Stand (Monitor Head Only)	
(mm)	609.74 x 32.7 x 351.71
(inches)	24" x 1.29" x 13.85"
Distance from Table to Panel	
Lowest Pixel at Bottom of Screen (mm / inches)	9.55 / 0.376"
Highest Pixel at Top of Screen (mm / inches)	6.5 / 0.256"
Stand Base Footprint Area	
(mm)	234.66 x 234.66
(inches)	9.24" x 9.24"
Weight	
Packed	Starting at < > lbs (< > kg)
Unpacked	Starting at 12.32 lbs (5.59 kg)
Monitor Head Only	Starting at 9.46 lbs (4.29 kg)

COMPLIANCE

EPEAT™	Silver
ENERGY STAR® Rating	7.0
ULE	Silver
TCO®	7.0
RoHS (EU 2002/95/EC)	Yes
Windows Certification	Windows 7 / Windows 10
China Energy Efficiency Standard	Tier 2

WARRANTY AND AVAILABILITY

Warranty	3 Years
Geography Availability	WW

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Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

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