ThinkPad X1 Yoga (3rd Gen) 20LF000KUS

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Product
ThinkPad X1 Yoga (3rd Gen)

Region
NA

Country
USA

Machine Type
20LF

TopSeller
TopSeller

Processor
Core i7-8650U (4C / 8T, 1.9 / 4.2GHz, 8MB)

Graphics
Integrated Intel UHD Graphics 620

Chipset
Intel SoC Platform

Memory
16GB Soldered LPDDR3-2133

Display
14" WQHD (2560x1440) IPS 300nits Anti-glare

Multi-touch
10-point Multi-touch

Storage
512GB SSD M.2 2280 PCIe NVMe Opal2

Optane Memory
None

Optical
None

WLAN + Bluetooth
Intel 8265 11ac, 2x2 + BT4.2

WWAN
None

Smart Card Reader
None

Monitor Cable
None

Bundled Accessories
None

Color
Silver

Case Material
Carbon-Fiber Hybrid

Camera
720p + IR

Keyboard
Backlit

Pen
ThinkPad Pen Pro

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
Discrete TPM 2.0

Battery
Integrated 54Wh

Power Adapter
65W USB-C

System Management
Intel vPro

Operating System
Windows 10 Pro 64

Bundled Software
None

Warranty
3-year, Depot

End of Support
2023-02-06

Announce Date
2018-02-06

Notes:
Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.
https://www.lenovo.com/hk/en/battery-info

California Electronic Waste Recycling Fee
In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to:
https://www.calrecycle.ca.gov/Electronics/Consumer

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			1.6 GHz	3.4 GHz	6MB		
i5-8350U	4	8	1.7 GHz	3.6 GHz	6MB	LPDDR3-2133	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; 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, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS *Some:* 14.0" (355mm) WQHD (2560x1440), LED backlight, 300 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, reduces overall display brightness by 10%
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 ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
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
Keyboard UltraNav™	6-row wave keyboard (rise & fall), spill-resistant, multimedia Fn keys, LED backlit 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 ** Battery life varies significantly with settings, usage, & other factors*
AC adapter	45W or 65W USB Type-C AC adapter
Light sensor	Ambient Light Sensor
G-sensor	3D accelerometer
Gyroscope	3D gyrometer
GPS	GPS function is integrated into WWAN module
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 testing
Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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