

ThinkBook 15 IIL 20SM0012US

Product

ThinkBook 15 IIL

Region

NA

Country/Region

USA

Machine Type

20SM

TopSeller

TopSeller

Processor

Intel Core i5-1035G1 (4C / 8T, 1.0 / 3.6GHz, 6MB)

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

1x 8GB SO-DIMM DDR4-2666

Storage

256GB SSD M.2 2242 PCIe NVMe 3.0x2

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

100/1000M

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Case Material

Aluminum (Top) + PC / ABS (Bottom)

Camera

720p with ThinkShutter

Microphone

2x, Array

Color

Mineral Grey

Keyboard

Backlit, English (US)

Fingerprint Reader

Touch Style

TPM

FW TPM 2.0

Battery

Integrated 45Wh

Power Adapter

65W Slim Tip

Operating System

Windows 10 Pro 64, English

Bundled Software

Office Trial

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC / JAN

194632736335

End of Support

2026-06-25

Announce Date

2019-11-25

Recommended Services**Best**

3Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection) (5PS0N73156)

Better

3Y Lenovo Support (Premier Support + Keep Your Drive) (5PS0N73153)

Good

3Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36151)

Notes:**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>

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ThinkBook 15 IIL Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	i3-1005G1	2	4	1.2 GHz	3.4 GHz	4MB	DDR4-3200	Intel UHD Graphics
	i5-1035G1	4	8	1.0 GHz	3.6 GHz	6MB		Intel Iris® Plus Graphics
	i5-1035G4			1.1 GHz	3.7 GHz			
	i5-1035G7			1.2 GHz	3.7 GHz			
i7-1065G7	1.3 GHz			3.9 GHz	8MB			
Graphics	Intel UHD Graphics or Intel Iris Plus Graphics in processor only, or Intel UHD Graphics or Intel Iris Plus Graphics in processor and AMD Radeon™ 630, 2GB GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2160 @30Hz (HDMI); 3840x2160 @60Hz (USB Type-C)							
Chipset	Intel SoC (System on Chip) platform							
Memory	16GB max / 2666MHz DDR4 or 3200MHz DDR4, one DDR4 SO-DIMM socket							
Display	Size	Resolution		Surface	Type	Brightness	Aspect Ratio	Contrast Ratio
	15.6" (396mm)	FHD (1920x1080)		Anti-glare	TN	220 nits	16:9	500:1
	15.6" (396mm)	FHD (1920x1080)		Anti-glare	IPS	250 nits	16:9	800:1
Multi-touch	None							
Storage	Up to 2 drives (one HDD and one M.2 SSD): <ul style="list-style-type: none">HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection SystemM.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4Intel Optane™ Memory H10 with SSD, M.2 2280, PCIe NVMe 3.0 x 4							
Optical	None							
Ethernet	Gigabit Ethernet connection							
WLAN	One of the following, configurable by model: <ul style="list-style-type: none">802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 card802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 card							
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Dimensions	WxDxH: 14.33" x 9.65" x 0.74"; 364mm x 245mm x 18.9mm							
Weight	Starting at 3.97 lb / 1.8 kg							
Case color	Mineral Grey							
Case material	Display cover: Aluminum							
	Bottom: PC/ABS plastic							
Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One hidden USB 2.0, two USB 3.1 Gen 1 (one Always On), One USB-C 3.1 Gen 1, one USB-C 3.1 Gen 2 (with the function of DisplayPort and power delivery), HDMI 1.4b, security keyhole, Ethernet (RJ45), 4-in-1 media reader (MMC, SD, SDHC, SDXC), headphone / microphone combo jack, AC power adapter jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>							
Camera	HD720p camera with ThinkShutter, fixed focus, integrated dual array digital microphone							
Audio support	HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2, Dolby Audio™, dual array digital microphone							
Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight							
Trackpad	Buttonless Mylar surface touchpad, multi-touch							
Security	Power-on password, hard disk password, supervisor password, security keyhole							
Security chip	Firmware TPM 2.0 integrated in chipset							
Fingerprint reader	Optional: Touch style fingerprint reader on power button							
Battery	Integrated Li-Polymer 45Wh (supports Rapid Charge 1 hr 80%) or 57Wh battery							
Max battery life	MobileMark® 2014: 9 hr (45Wh) or 12 hr (57Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>							
AC adapter	65W slim tip (rectangle) or slim USB-C AC adapter							
Preload (optional)	Preloaded operating system <ul style="list-style-type: none">Windows® 10 Home 64Windows 10 Home in S modeWindows 10 Pro 64Windows 10 Pro in S mode Preloaded applications (only some listed) <ul style="list-style-type: none">Microsoft Office Home and Business 2019Microsoft Office Home and Student 2019Microsoft Office Trial (with 30-day license)Microsoft Office 365 HomeMicrosoft Office 365 PersonalMicrosoft Office Professional 2019Microsoft Office Personal 2019							
Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none">1-year depot repair service1-year with 2-year system board repair service2-year/1-yr battery depot repair service							
Mil-Spec test	MIL-STD-810G military testing							
Environment	EPEAT™ Silver; ENERGY STAR® 7.1; ErP lot3, RoHS-compliant							

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

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May 2020

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