ThinkBook 15 IIL Platform Specifications

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		Intel UHD Graphics
i5-1035G1	4	8	1.0 GHz	3.6 GHz	6MB	DDR4-3200	
i5-1035G4			1.1 GHz	3.7 GHz			Intel Iris® Plus Graphics
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):* • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 • Intel 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:* • 802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 card • 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card • 802.11ax 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	4-in-1 media reader (MMC, SD, SDHC, SDXC)
Ports	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 ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
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) ** Battery life varies significantly with settings, usage, & other factors*
AC adapter	65W slim tip (rectangle) or slim USB-C AC adapter
Preload *(optional)*	Preloaded operating system • Windows® 10 Home 64 • Windows 10 Home in S mode • Windows 10 Pro 64 • Windows 10 Pro in S mode *Preloaded applications (only some listed)* • Microsoft Office Home and Business 2019 • Microsoft Office Home and Student 2019 • Microsoft Office Trial (with 30-day license) • Microsoft Office 365 Home • Microsoft Office 365 Personal • Microsoft Office Professional 2019 • Microsoft Office Personal 2019
Limited warranty	*One of the following, configurable by model:* • 1-year depot repair service • 1-year with 2-year system board repair service • 2-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.