

ThinkBook 15 IIL Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor								Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One hidden USB 2.0, two USB 3.2 Gen 1 (one Always On), One USB-C 3.2 Gen 1, one USB-C 3.2 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>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
Graphics	i3-1005G1	2	4	1.2 GHz	3.4 GHz	4MB	DDR4-3200	Intel UHD Graphics	Camera HD720p camera with ThinkShutter, fixed focus, integrated dual array digital microphone	
	i5-1035G1	4	8	1.0 GHz	3.6 GHz	6MB				
	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
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								Audio support	HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2, Dolby Audio™, dual array digital microphone
Memory	Supports up to 32GB / 2666MHz DDR4 or 3200MHz DDR4, one DDR4 SO-DIMM socket								Keyboard Trackpad	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight Buttonless Mylar surface touchpad, multi-touch
Display	Size	Resolution	Surface	Type	Brightness	Aspect Ratio	Contrast Ratio	Security	Power-on password, hard disk password, supervisor password, security keyhole	
	15.6" (396mm)	FHD (1920x1080)	Anti-glare	TN	220 nits	16:9	500:1	Security chip	Firmware TPM 2.0 integrated in chipset	
	15.6" (396mm)	FHD (1920x1080)	Anti-glare	WVA	250 nits	16:9	800:1	Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button	
Multi-touch	None								Battery	Integrated Li-Polymer 45Wh (supports Rapid Charge 1 hr 80%) or 57Wh battery
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								Max battery life	<i>MobileMark® 2014:</i> 9 hr (45Wh) or 12 hr (57Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Optical	None								AC adapter	65W slim tip (rectangle) or slim USB-C AC adapter
Ethernet	Gigabit Ethernet connection								Preload (optional) Preloaded operating system	
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								<ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> 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 	
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								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
Dimensions	WxDxH: 14.33" x 9.65" x 0.74"; 364mm x 245mm x 18.9mm								Mil-Spec test	MIL-STD-810G military testing
Weight	Starting at 3.97 lb / 1.8 kg								Environment	EPEAT™ Silver; ENERGY STAR® 8.0; ErP lot3, RoHS-compliant
Case color	Mineral Grey									
Case material	Display cover: Aluminum Bottom: PC/ABS plastic									

The specifications above may not be available in all regions and might change by regions

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