ThinkBook 15-IML 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
i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB	DDR4-2666	Intel UHD Graphics
i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB		
i7-10510U			1.8 GHz	4.9 GHz	8MB		
i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB		

Graphics	Intel UHD Graphics in processor only or, Intel UHD Graphics in processor and AMD Radeon™ 620, 2GB GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 3840x2160@30Hz (HDMI); 3840x2160@60Hz (USB Type-C)
Chipset	Intel SoC (System on Chip) platform
Memory	24GB max / 2666MHz DDR4, 4GB or 8GB memory soldered to systemboard, 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"; 365mm 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 with Always On), One USB-C 3.1 Gen 1, one USB-C 3.1 Gen 2 (with the function of DisplayPort and power delivery), 4-in-1 media reader (MMC, SD, SDHC, SDXC), HDMI 1.4b, security keyhole, Ethernet (RJ45), headphone / microphone combo jack, AC power adapter jack ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
Camera	HD720p, fixed focus, ThinkShutter, 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-ion 45Wh or 57Wh battery, supports Rapid Charge 1 hr 80%
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 Pro 64 *Preloaded applications (only some listed)* • Microsoft Office 365 Home • Microsoft Office Home and Business 2019 • Microsoft Office Home and Student 2019 • Microsoft Office Pro 2019 • Microsoft Office Trial (with 30-day license)
Limited warranty	*One of the following, configurable by model:* • 1-year depot repair service • 1-year/2-yr system board depot repair service • 2-year/1-yr battery deport repair service
Environment	EPEAT™ Silver; ENERGY STAR® 7.1; ErP lot3, RoHS-compliant

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