

ThinkBook 15p IMH Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor									Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One USB-C 3.2 Gen 1 (for data transfer only), two USB 3.2 Gen 1, HDMI 2.0, Ethernet (RJ45), SD card reader, headphone / microphone combo jack, AC power adapter jack, security keyhole <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	Intel UHD Graphics		
	i5-10300H	4	8	2.5 GHz	4.5 GHz	8MB	DDR4-2933				
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB					
i7-10870H	8	16	2.2 GHz	5.0 GHz	16MB				Camera Audio support	HD720p camera with ThinkShutter, fixed focus, with dual array microphone HD Audio, Realtek ALC3287 codec, HARMAN-branded speakers 2W x 2, Dolby Audio™, dual array digital microphone	
Graphics	Intel UHD Graphics in processor and NVIDIA® GeForce® GTX 1650 Max-Q, 4GB GDDR6 memory or NVIDIA GeForce GTX 1650 Ti Max-Q, 4GB GDDR6 memory; supports dual independent display via native display and one external monitor; supports external monitor via HDMI (up to 4K@60Hz)									Keyboard Touchpad	6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight Buttonless Mylar surface touchpad, multi-touch, support Precision TouchPad
Chipset	Intel HM470 Chipset									Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole Firmware TPM 2.0 integrated in chipset
Memory	32GB max / 2933MHz DDR4, two DDR4 SO-DIMM slots, dual-channel capable									Fingerprint reader	Touch style fingerprint reader on power button
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Battery	Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
	15.6"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	1200:1	100% sRGB	170°	Max battery life	<i>MobileMark® 2014:</i> 10.9 hr (FHD), 8.7 hr (UHD) <i>MobileMark 2018:</i> 7.4 hr (FHD), 6.6 hr (UHD) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
	15.6"	UHD (3840x2160) HDR™ 400	IPS	Anti-glare	600 nits	16:9	1500:1	100% Adobe	170°	AC adapter	135W slim tip AC adapter
Color Calibration	Optional: X-Rite Pantone factory color calibration on UHD panel only									Preload (optional)	<i>Preloaded operating system</i> • Windows® 10 Home 64 • Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> • Microsoft® 365 Personal • Microsoft 365 Family • Microsoft Office Home and Business 2019 • Microsoft Office Home and Student 2019 • Microsoft Office Professional 2019 • Microsoft Office Personal 2019 • Microsoft Office Trial (with 30-day license)
Multi-touch	None									Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 1-year with 2-year system board repair service • 2-year/1-yr battery depot repair service
Storage	Up to two M.2 SSD drives: • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4									Mil-Spec test	Work in progress
Optical	None									Environment	ENERGY STAR® 8.0; TUV Low Blue Light certified, ErP lot3, RoHS-compliant
Ethernet	Gigabit Ethernet connection										
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> • Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.1, M.2 card • Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.1, M.2 card <i>* Intel WiFi 6 full features might be limited by country level restrictions</i> <i>* Bluetooth 5.1 requires the latest version of Windows 10 (version 2004 or above)</i>										
Dimensions	WxDxH: 14.13" x 9.82" x 0.78"; 359mm x 249.5mm x 19.9mm										
Weight	Starting at 4.19 lbs / 1.9 kg										
Case color	Mineral Grey, dual tone design										
Case material	Display cover: Aluminum Bottom: Aluminum										

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

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