

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						
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)									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
Chipset	Intel HM470 Chipset									Keyboard Touchpad	6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight Buttonless Mylar surface touchpad, multi-touch, support Precision TouchPad
Memory	32GB max / 2933MHz DDR4, two DDR4 SO-DIMM slots, dual-channel capable									Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole Firmware TPM 2.0 integrated in chipset
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Fingerprint reader	Touch style fingerprint reader on power button
	15.6"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	1200:1	100% sRGB	170°	Battery	Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
	15.6"	UHD (3840x2160) HDR™ 400	IPS	Anti-glare	600 nits	16:9	1500:1	100% Adobe	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>
Color Calibration	Optional: X-Rite Pantone factory color calibration on UHD panel only									AC adapter	135W slim tip AC adapter
Multi-touch	None									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)
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									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
Optical	None									Mil-Spec test	Work in progress
Ethernet	Gigabit Ethernet connection									Environment	ENERGY STAR® 8.0; TUV Low Blue Light certified, ErP lot3, RoHS-compliant
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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