

ThinkBook 15p IMH [20V3001SAU](#)

Product

ThinkBook 15p IMH

Region

ANZ

Country/Region

Australia

Machine Type

20V3

TopSeller

TopSeller

Processor

Intel Core i7-10750H (6C / 12T, 2.6 / 5.0GHz, 12MB)

Graphics

NVIDIA GeForce GTX 1650Ti Max-Q 4GB GDDR6

Chipset

Intel HM470

Memory

1x 16GB SO-DIMM DDR4-2933

Storage

512GB SSD M.2 2242 PCIe 3.0x4 NVMe

Display

15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB

Touchscreen

None

Optical

None

Card Reader

4-in-1 Card Reader

Ethernet

100/1000M

WLAN + Bluetooth

Intel AX201 11ax, 2x2 + BT5.1

Case Material

Aluminium (Top), Aluminium (Bottom)

Camera

720p with ThinkShutter

Microphone

2x, Array

Case Color

Mineral Grey

Surface Treatment

Anodizing sandblasting

Keyboard

Backlit, English

Fingerprint Reader

Touch Style

Color Calibrator

None

Security Chip

FW TPM 2.0

Battery

Integrated 57Wh

Power Adapter

135W Slim Tip

Operating System

Windows 10 Pro 64, English

Bundled Software

Office Trial

Base Warranty

1-year, Depot

Bundled Service

1Y Onsite upgrade from 1Y Depot/CCI (5WS0A23748)

EAN / UPC / JAN

195235988435

End of Support

2027-04-21

Announce Date

2020-09-21

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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	DDR4-2933			Intel UHD Graphics
	i5-10300H	4	8	2.5 GHz	4.5 GHz	8MB						
	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	HD720p camera with ThinkShutter, fixed focus, with dual array microphone	
Chipset	Intel HM470 Chipset									Audio support	HD Audio, Realtek ALC3287 codec, HARMAN-branded speakers 2W x 2, Dolby Audio™, dual array digital microphone	
Memory	32GB max / 2933MHz DDR4, two DDR4 SO-DIMM slots, dual-channel capable									Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight	
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Touchpad	Buttonless Mylar surface touchpad, multi-touch, support Precision TouchPad	
	15.6"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	1200:1	100% sRGB	170°	Security	Power-on password, hard disk password, supervisor password, security keyhole	
	15.6"	UHD (3840x2160) HDR™ 400	IPS	Anti-glare	600 nits	16:9	1500:1	100% Adobe	170°	Security chip	Firmware TPM 2.0 integrated in chipset	
Color Calibration	Optional: X-Rite Pantone factory color calibration on UHD panel only									Fingerprint reader	Touch style fingerprint reader on power button	
Multi-touch	None									Battery	Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr)	
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									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>	
Optical	None									AC adapter	135W slim tip AC adapter	
Ethernet	Gigabit Ethernet connection									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)	
WLAN + Bluetooth™	One of the following, configurable by model: • 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>* BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)</i>									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	
Dimensions	WxDxH: 14.13" x 9.82" x 0.78"; 359mm x 249.5mm x 19.9mm									Mil-Spec test	Work in progress	
Weight	Starting at 4.19 lbs / 1.9 kg									Environment	EPEAT™ Gold; ENERGY STAR® 8.0; TUV Low Blue Light certified; ErP lot3, RoHS-compliant	
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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October 2020

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