

# ThinkBook 15p IMH 20V30020US

**Product**

ThinkBook 15p IMH

**Region**

NA

**Country/Region**

USA

**Machine Type**

20V3

**TopSeller**

TopSeller

**Processor**

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

**Graphics**

NVIDIA GeForce GTX 1650 Ti 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" UHD (3840x2160) IPS 600nits Anti-glare, 100% Adobe, HDR 400

**Touchscreen**

None

**Optical**

None

**Card Reader**

4-in-1 Card Reader

**Ethernet**

100/1000M

**WLAN + Bluetooth**

Intel AX201 11ax, 2x2 + BT5.1

**Camera**

720p with ThinkShutter

**Microphone**

2x, Array

**Case Color**

Mineral Grey

**Surface Treatment**

Anodizing sandblasting

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**Keyboard**

Backlit, English (US)

**Fingerprint Reader**

Touch Style

**Color Calibrator**

Factory Color Calibration

**Security Chip**

Firmware 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**

None

**EAN / UPC / JAN**

195348276047

**End of Support**

2027-04-21

**Announce Date**

2020-09-21

---

**Recommended Services****Best**

3Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection) (5PS0N73156)

**Better**

3Y Lenovo Support (Premier Support + Keep Your Drive) (5PS0N73153)

**Good**

3Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36151)

**Notes:****California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to:

<https://www.calrecycle.ca.gov/Electronics/Consumer>

**L** [WWW.LENOVO.COM](http://WWW.LENOVO.COM)

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product specifications Reference.

© Lenovo, 2020. All rights reserved.



Lenovo™

# 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			
	i5-10300H	4	8	2.5 GHz	4.5 GHz	8MB	DDR4-2933	Intel UHD Graphics			
	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										Fingerprint reader	Touch style fingerprint reader on power button
	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, &amp; 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)	Preloaded operating system <ul style="list-style-type: none"><li>• Windows® 10 Home 64</li><li>• Windows 10 Pro 64</li></ul> Preloaded applications (only some listed) <ul style="list-style-type: none"><li>• Microsoft® 365 Personal</li><li>• Microsoft 365 Family</li><li>• Microsoft Office Home and Business 2019</li><li>• Microsoft Office Home and Student 2019</li><li>• Microsoft Office Professional 2019</li><li>• Microsoft Office Personal 2019</li><li>• Microsoft Office Trial (with 30-day license)</li></ul>
Multi-touch	None										
Storage	Up to two M.2 SSD drives: <ul style="list-style-type: none"><li>• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4</li><li>• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li></ul>										
Optical	None										
Ethernet	Gigabit Ethernet connection									Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none"><li>• 1-year depot repair service</li><li>• 1-year with 2-year system board repair service</li><li>• 2-year/1-yr battery depot repair service</li></ul>
WLAN + Bluetooth™	One of the following, configurable by model: <ul style="list-style-type: none"><li>• Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.1, M.2 card</li><li>• Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.1, M.2 card</li></ul> <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>										
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									Mil-Spec test	Work in progress
Case material	Display cover: Aluminum Bottom: Aluminum									Environment	EPEAT™ Gold; ENERGY STAR® 8.0; TUV Low Blue Light certified; ErP lot3, RoHS-compliant

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

Lenovo  
October 2020

Lenovo™

ThinkBook 15p IMH

