ThinkBook 15p IMH 20V3000AGE

Product
ThinkBook 15p IMH

Region
WE

Country/Region
Germany

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
2x 8GB SO-DIMM DDR4-2933

Storage
1TB SSD M.2 2280 PCIe NVMe 3.0x4

Display
15.6" UHD (3840x2160) IPS 600nits Anti-glare, 100% Adobe, HDR 400

Touchscreen
None

Optical
None

Media 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

Color
Mineral Grey

Surface Treatment
Anodizing Sandblasting

Keyboard
Backlit, German

Fingerprint Reader
Touch Style

Color Calibrator
Factory Color Calibration

TPM
FW TPM 2.0

Battery
Integrated 57Wh

Power Adapter
135W Slim Tip

Operating System
Windows 10 Pro 64, German

Bundled Software
Office Trial

Base Warranty
1-year, Depot

Bundled Service
None

EAN / UPC / JAN
195042762013

End of Support
2027-04-21

Announce Date
2020-09-21

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ThinkBook 15p IMH Platform Specifications

Processor

10th Generation Intel® Core™ i5 / i7 Processor

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)

Chipset

Intel HM470 Chipset

Memory

32GB max / 2933MHz DDR4, two DDR4 SO-DIMM slots, dual-channel capable

Display

Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle
15.6"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	1200:1	100% sRGB	170°
15.6"	UHD (3840x2160) HDR™ 400	IPS	Anti-glare	600 nits	16:9	1500:1	100% Adobe	170°

Color Calibration

Optional: X-Rite Pantone factory color calibration on UHD panel only

Multi-touch

None

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

Optical

None

Ethernet

Gigabit Ethernet connection

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

** Intel WiFi 6 full features might be limited by country level restrictions*
** Bluetooth 5.1 requires the latest version of Windows 10 (version 2004 or above)*

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

Media reader

4-in-1 media reader (MMC, SD, SDHC, SDXC)

Ports

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
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Camera

HD720p camera with ThinkShutter, fixed focus, with dual array microphone

Audio support

HD Audio, Realtek ALC3287 codec, HARMAN-branded speakers 2W x 2, Dolby Audio™, dual array digital microphone

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight

Touchpad

Buttonless Mylar surface touchpad, multi-touch, support Precision TouchPad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Firmware TPM 2.0 integrated in chipset

Fingerprint reader

Touch style fingerprint reader on power button

Battery

Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max battery life

MobileMark® 2014: 10.9 hr (FHD), 8.7 hr (UHD)
MobileMark 2018: 7.4 hr (FHD), 6.6 hr (UHD)
** Battery life varies significantly with hardware configurations, settings, usage, & other factors*

AC adapter

135W slim tip AC adapter

Preload *(optional)*

Preloaded operating system

- Windows® 10 Home 64
- Windows 10 Pro 64

Preloaded applications (only some listed)

- 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)

Limited warranty

One of the following, configurable by model:

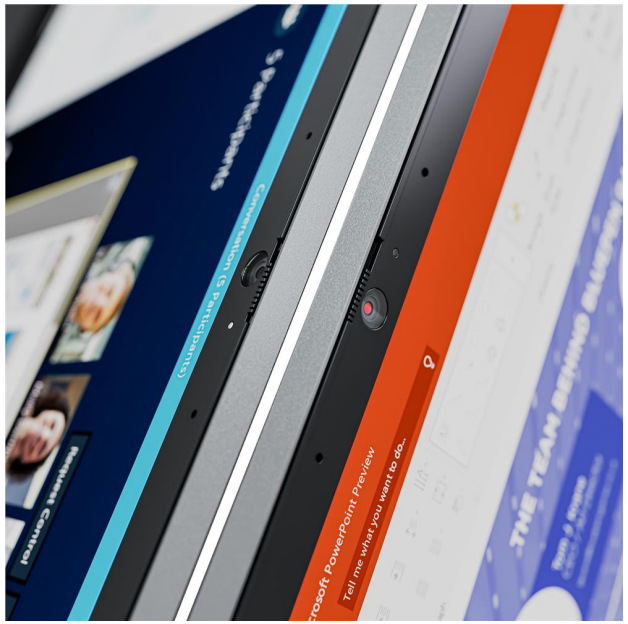
- 1-year depot repair service
- 1-year with 2-year system board repair service
- 2-year/1-yr battery depot repair service

Mil-Spec test

Work in progress

Environment

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

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