

ThinkBook 15-IML 20RW0045GE

Product

ThinkBook 15-IML

Region

WE

Country/Region

Germany

Machine Type

20RW

TopSeller

TopSeller

Processor

Intel Core i5-10210U (4C / 8T, 1.6 / 4.2GHz, 6MB)

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

8GB Soldered + 8GB DIMM DDR4-2666

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare

Multi-touch

None

Storage

512GB SSD M.2 2280 PCIe NVMe

Optical

None

Media Reader

4-in-1

Ethernet

100/1000M

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Color

Mineral Grey

Camera

720p with ThinkShutter

Microphone

2x, Array

Keyboard

Non-backlit, German

Fingerprint Reader

Fingerprint Reader

TPM

FW TPM 2.0

Battery

Integrated 45Wh

Power Adapter

65W Slim Tip

Operating System

Windows 10 Pro 64, German

Bundled Software

Office Trial

Base Warranty

1-year, Depot

Bundled Service

None

End of Support

2020-11-14

Announce Date

2019-10-14

Recommended Services**Best**

5Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36181)

Better

4Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36121)

Good

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



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ThinkBook 15-IML Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor								Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One hidden USB 2.0, two USB 3.1 Gen 1 (one with Always On), One USB-C 3.1 Gen 1, one USB-C 3.1 Gen 2 (with the function of DisplayPort and power delivery), 4-in-1 media reader (MMC, SD, SDHC, SDXC), HDMI 1.4b, security keyhole, Ethernet (RJ45), headphone / microphone combo jack, AC power adapter jack <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		
	i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB	DDR4-2666	Intel UHD Graphics		
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB				
	i7-10510U			1.8 GHz	4.9 GHz	8MB				
i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB					
Graphics	Intel UHD Graphics in processor only or, Intel UHD Graphics in processor and AMD Radeon™ 620, 2GB GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 3840x2160 @30Hz (HDMI); 3840x2160 @60Hz (USB Type-C)								Camera	HD720p, fixed focus, ThinkShutter, integrated dual array digital microphone
Chipset Memory	Intel SoC (System on Chip) platform 24GB max / 2666MHz DDR4, 4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Audio support	HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2, Dolby® Audio™, dual array digital microphone
Display		Size	Resolution	Surface	Type	Brightness	Aspect Ratio	Contrast Ratio	Keyboard Trackpad	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight Buttonless Mylar surface touchpad, multi-touch
		15.6" (396mm)	FHD (1920x1080)	Anti-glare	TN	220 nits	16:9	500:1	Security	Power-on password, hard disk password, supervisor password, security keyhole
		15.6" (396mm)	FHD (1920x1080)	Anti-glare	IPS	250 nits	16:9	800:1	Security chip	Firmware TPM 2.0 integrated in chipset
									Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button
Multi-touch	None								Battery	Integrated Li-ion 45Wh or 57Wh battery, supports Rapid Charge 1 hr 80%
Storage	Up to 2 drives (one HDD and one M.2 SSD): - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System - M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 - M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 - Intel Optane™ Memory H10 with SSD, M.2 2280, PCIe NVMe 3.0 x 4								Max battery life	<i>MobileMark® 2014:</i> 9 hr (45Wh) or 12 hr (57Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
Optical	None								AC adapter	65W slim tip (rectangle) or slim USB-C 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 Office 365 Home - Microsoft Office Home and Business 2019 - Microsoft Office Home and Student 2019 - Microsoft Office Pro 2019 - Microsoft Office Trial (with 30-day license)
WLAN	One of the following, configurable by model: 802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 card 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 card								Limited warranty	<i>One of the following, configurable by model:</i> 1-year depot repair service 1-year/2-yr system board depot repair service 2-year/1-yr battery depot repair service
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Environment	EPEAT™ Silver; ENERGY STAR® 7.1; ErP lot3, RoHS-compliant
Dimensions	WxDxH: 14.33" x 9.65" x 0.74"; 365mm x 245mm x 18.9mm									
Weight	Starting at 3.97 lb / 1.8 kg									
Case color	Mineral Grey									
Case material	Display cover: Aluminum Bottom: PC/ABS plastic									

Note: The specifications above may not be available in all regions.

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October 2019

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