ThinkBook Plus IML 20TG005APG

Product
ThinkBook Plus IML

Region
WE

Country/Region
Portugal

Machine Type
20TG

TopSeller
TopSeller

Processor
Intel Core i7-10510U (4C / 8T, 1.8 / 4.9GHz, 8MB)

Graphics
Integrated Intel UHD Graphics

Chipset
Intel SoC Platform

Memory
1x 16GB SO-DIMM DDR4-2666

Storage
512GB SSD M.2 2280 PCIe NVMe

Display
13.3" FHD (1920x1080) IPS 300nits Anti-glare Dolby Vision + 10.8" E Ink FHD (1920x1080) Anti-glare

Touchscreen
E Ink Single-touch

Pen
Lenovo Precision Pen

Optical
None

Media Reader
None

Ethernet
None

WLAN + Bluetooth
11ax, 2x2 + BT5.0

Case Material
Aluminum + Glass (Top), Aluminum (Bottom)

Camera
720p

Microphone
4x, Array

Color
Iron Grey

Keyboard
Backlit, Portuguese

Fingerprint Reader
Touch Style

TPM
Discrete TPM 2.0

Battery
Integrated 45Wh

Power Adapter
65W USB-C Slim

Operating System
Windows 10 Pro 64, Portuguese / English

Bundled Software
Office Trial

Base Warranty
1-year, Depot

Bundled Service
None

EAN / UPC / JAN
195042552393

End of Support
2026-05-20

Announce Date
2020-04-20

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ThinkBook Plus IML Platform Specifications

Product Specifications Reference (PSREF)

Processor

10th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2666	Intel UHD Graphics
i7-10510U	4	8	1.8 GHz	4.9 GHz	8MB		
i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB		

Graphics

Intel UHD Graphics in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 3840x2160@60Hz (USB Type-C); 3840x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / 2666MHz DDR4, one DDR4 SO-DIMM socket

Display

E Ink screen: 10.8" (274mm) FHD (1920 x 1080), anti-glare, monochromatic, reflectance 35%, single-touch
LCD screen: 13.3" (338mm) FHD (1920 x 1080), IPS, anti-glare, LED backlight, 300 nits, aspect ratio 16:9, 100% sRGB, Dolby Vision™, non-touch

E-ink touch

Capacitive-type touch, supports single touch with active pen or finger
** E Ink Note and E Ink Reader allow to use the pen or finger, but not both, to draw or write with an input method switch*

Pen

Lenovo Precision Pen for E Ink screen only, with 4096 pressure levels and the hover function, magnet inside the pen, optional single AAAA battery

Storage

M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

Optical

None

Ethernet

None

WLAN

Wi-Fi 2x2 802.11ax + Bluetooth 5.0, M.2 card

Bluetooth™

Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Dimensions

WxDxH: 12.13" x 8.54" x 0.69"; 308mm x 217mm x 17.4mm

Weight

Starting at 3.08 lb / 1.4kg

Case color

Iron Grey

Case material

Display cover: Aluminum + Glass
Bottom: Aluminum

Media reader

None

Ports

Two USB-A 3.1 Gen 1 (one Always On),
one USB-C 3.1 Gen 2 (with the function of Power Delivery and DisplayPort),
HDMI 1.4b, headphone / microphone combo jack
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Camera

HD720P, 1.0MP resolution camera, fixed focus

Audio support

HD Audio, HARMAN-branded speakers 2W x 2, Dolby Audio™,
four array digital microphone, headphone / microphone combo jack

Keyboard

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

Trackpad

Buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password

Security chip

Discrete TPM 2.0, TCG Certified

Fingerprint reader

Touch style fingerprint reader on power button

Battery

Integrated Li-ion 45Wh battery, supports rapid charge (1 hour 80%)

Max battery life

MobileMark® 2014: 10 hr
** Battery life varies significantly with settings, usage, & other factors*

AC adapter

65W slim USB-C AC adapter

Preload *(opt)*

Preloaded operating system
- Windows® 10 Home 64
- Windows 10 Pro 64

Preloaded applications (only some listed)
- Microsoft 365 Family
- Microsoft 365 Personal
- Microsoft Office Home and Student 2019
- Microsoft Office Home and Business 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 depot with 2-year system board repair service
- 2-year/1-yr battery depot repair service

Environment

EPEAT™ Silver, ENERGY STAR® 8.0; ErP lot3; RoHS-compliant

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

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ThinkBook Plus IML











