ThinkPad T480s 20L7004P++

Region
EMEA

Machine Type
20L7

TopSeller
TopSeller

Processor
Core i5-8250U (4C, 1.6 / 3.4GHz, 6MB)

vPro
No

Graphics
Integrated Intel UHD Graphics 620

Memory
8GB Soldered + 8GB DIMM

Display
14" FHD (1920x1080) IPS

Multi-touch
None

Storage
256GB SSD M.2 PCIe NVMe Opal2

Optical
None

WLAN + Bluetooth
Intel 8265 ac, 2x2 + BT4.1

WWAN
Fibocom L830-EB

SIM Card
None

Smart Card Reader
Smart Card Reader

Monitor Cable
None

Color
Black

Camera
720p

Keyboard
Backlit

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
dTPM 2.0

Battery
57Wh

Power Adapter
65W USB-C

Operating System
Windows 10 Pro 64

Warranty
3-year, Depot

End of Support
Apr 6, 2024

Ann Date (mm/yy)
03/18

Note:
Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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ThinkPad T480s Platform Specifications

Processor

7th Generation Intel® Core™ i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7300U	2	4	2.6 GHz	3.5 GHz	3MB	DDR4-2133	Intel HD Graphics 620

or 8th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620
i5-8350U			1.7 GHz	3.6 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		
i7-8650U			1.9 GHz	4.2 GHz	8MB		

Graphics

Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or
Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX150,
2GB GDDR5 memory (discrete models are NOT available in EMEA);
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

20GB or 24GB max / 2400MHz DDR4, dual-channel capable,
4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture, 250 nits (FHD only)

Storage

One of the following, configurable by model:
- M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN + Bluetooth™

Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
- Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

SIM card *(opt)*

Nano-SIM card slot, optional Verizon LTE (US) SIM card

Dimensions

WxDxH: 13.03" x 8.93" x 0.73"; 331mm x 226.8mm x 18.45mm

Weight

Starting at 2.9 lb (1.32kg)

Case color

Black or Silver

Case material

Display cover: CFRP Hybrid;
Bottom: Magnesium

Smart card reader

Optional: Smart card reader

Media reader

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

Ports

Two USB 3.1 Gen 1 (one Always On), USB 3.1 Type-C Gen 1,
USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45),
nano-SIM card slot (WWAN models), headphone / microphone combo jack,
optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC),
side docking connector, security keyhole

Monitor cable *(optional)*

USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera

One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera, fixed focus

Audio support

HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers,
1W x 2 / dual array microphone, headphone / microphone combo jack

Keyboard

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

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

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

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology

NFC *(optional)*

Near Field Communication

Battery

Integrated Li-Ion 57Wh battery, supports Rapid Charge (0-80% in 60 mins) with 65W USB Type-C AC adapter

Max battery life

MobileMark® 2014: 15.6 hr
* Battery life varies significantly with settings, usage, & other factors

AC adapter

45W or 65W USB Type-C AC adapter

Operating system

Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant

ThinkPad T480s











