

ThinkPad T480s 20L70027US

Region
US

Machine Type
20L7

TopSeller
TopSeller

Processor
Core i7-8650U (4C, 1.9 / 4.2GHz, 8MB)

vPro
vPro

Graphics
Integrated Intel UHD Graphics 620

Memory
8GB Soldered

Display
14" FHD (1920x1080) IPS

Multi-touch
10-point Multi-touch

Storage
256GB SSD M.2 PCIe NVMe Opal2

Optical
None

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

WWAN
WWAN Upgradable

SIM Card
None

Smart Card Reader
None

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
Jan 29, 2023

Ann Date (mm/yy)
01/18

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

Product Specifications Reference (PSREF)

| | | | | | | | | | | |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|--------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | 7th Generation Intel® Core™ i5 Processor | | | | | | | | Dimensions | WxDxH: 13.03" x 8.93" x 0.73"; 331mm x 226.8mm x 18.45mm |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics | Weight | Starting at 2.9 lb (1.32kg) |
| | i5-7300U | 2 | 4 | 2.6 GHz | 3.5 GHz | 3MB | DDR4-2133 | Intel HD Graphics 620 | Case color | Black or Silver |
| | | | | | | | | | Case material | Display cover: CFRP Hybrid; Bottom: Magnesium |
| | or 8th Generation Intel Core i5 / i7 Processor | | | | | | | | Smart card reader | Optional: Smart card reader |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics | Media reader | 4-in-1 reader (MMC, SD, SDHC, SDXC) |
| | i5-8250U | 4 | 8 | 1.6 GHz | 3.4 GHz | 6MB | DDR4-2400 | Intel UHD Graphics 620 | 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 |
| | 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) | | | | | | | | Monitor cable (optional) | USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter |
| Camera | | | | | | | | | Camera | One of the following, configurable by model: <ul style="list-style-type: none">• HD720p camera with ThinkShutter camera privacy, fixed focus• IR camera and HD720p camera, fixed focus |
| Audio support | | | | | | | | | Audio support | HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 1W x 2 / dual array microphone, headphone / microphone combo jack |
| Chipset | Intel SoC (System on Chip) platform | | | | | | | | Keyboard | 6-row, spill-resistant, multimedia Fn keys, optional LED backlight |
| 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 | | | | | | | | UltraNav™ | TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad |
| Security | | | | | | | | | Security chip | 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: <ul style="list-style-type: none">• 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 | |

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