

ThinkPad T480 20L50007++

Region
EMEA

Machine Type
20L5

TopSeller
TopSeller

Processor
Core i7-8550U (4C, 1.8 / 4.0GHz, 8MB)

vPro
No

Graphics
Integrated Intel UHD Graphics 620

Memory
8GBx1

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

Case Material
PPS

Camera
720p

Keyboard
Backlit

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
dTPM 2.0

Battery
24Wh + 24Wh

Power Adapter
65W USB-C

Operating System
Windows 10 Pro 64

Warranty
3-year, Depot

End of Support
Mar 6, 2024

Ann Date (mm/yy)
02/18

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 T480 Platform Specifications

Product Specifications Reference (PSREF)



Processor	7th Generation Intel® Core™ i5 Processor							Dimensions WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm																					
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types		Processor Graphics																				
	i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620																					
	i5-7300U			2.6 GHz	3.5 GHz	3MB																							
	or 8th Generation Intel Core i5 / i7 Processor							Weight <table border="1"> <tr> <td>Models</td> <td>24Wh or 24Wh + 24Wh</td> <td>48Wh, 72Wh, or 24Wh + 48Wh / 72Wh</td> </tr> <tr> <td>Integrated Magnesium</td> <td>3.49 lb / 1.58 kg</td> <td>3.92 lb / 1.78 kg</td> </tr> <tr> <td>Integrated PPS</td> <td>3.63 lb / 1.65 kg</td> <td>4.08 lb / 1.85 kg</td> </tr> <tr> <td>Discrete Magnesium</td> <td>3.53 lb / 1.60 kg</td> <td>3.97 lb / 1.80 kg</td> </tr> <tr> <td>Discrete PPS</td> <td>3.68 lb / 1.67 kg</td> <td>4.12 lb / 1.87 kg</td> </tr> </table>	Models	24Wh or 24Wh + 24Wh	48Wh, 72Wh, or 24Wh + 48Wh / 72Wh	Integrated Magnesium	3.49 lb / 1.58 kg	3.92 lb / 1.78 kg	Integrated PPS	3.63 lb / 1.65 kg	4.08 lb / 1.85 kg	Discrete Magnesium	3.53 lb / 1.60 kg	3.97 lb / 1.80 kg	Discrete PPS	3.68 lb / 1.67 kg	4.12 lb / 1.87 kg						
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	i3-8130U	4	8	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620																					
	i5-8250U			1.6 GHz	3.4 GHz	6MB																							
	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 HD Graphics 620 or Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX150, 2GB GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)							Case color Black																					
Chipset	Intel SoC (System on Chip) platform 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller							Case material Display cover: Magnesium Hybrid or PPS; Bottom: Glass-Fiber Reinforced Plastic																					
Memory								Smart card reader Optional: Smart card reader																					
Display	Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio 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							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 USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter																					
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)							Monitor cable (optional) USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter																					
Storage	System has one HDD slot or one M.2 2280 slot exclusively for storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s Some: 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WWAN							Camera (optional) One of the following, configurable by model: • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera, fixed focus																					
Optical	None							Audio support HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack																					
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville)							Keyboard 6-row, spill-resistant, multimedia Fn keys, optional LED backlight UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad																					
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							Security Power-on password, hard disk password, supervisor password, security keyhole Security chip Discrete TPM 2.0, TCG Certified vPro (optional) Intel vPro Technology																					
WWAN (optional)	One of the following, configurable by model (mutually exclusive with Intel Optane memory): • 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							Fingerprint reader Optional: Touch style match on chip fingerprint reader on the keyboard bezel, anti-spoofing technology																					
SIM card (opt)	Nano-SIM card slot, optional Verizon LTE (US) SIM card							NFC (optional) Near Field Communication																					
								Battery Optional integrated Li-Ion 24Wh battery and external Li-Ion 24Wh, 48Wh, or 72Wh battery																					
								Max battery life (MobileMark® 2014) <table border="1"> <tr> <td>Models</td> <td>24Wh</td> <td>48Wh</td> <td>72Wh</td> <td>24Wh + 24Wh</td> <td>24Wh + 48Wh</td> <td>24Wh + 72Wh</td> </tr> <tr> <td>Integrated model</td> <td>7.2 hr</td> <td>14.4 hr</td> <td>21.8 hr</td> <td>14.4 hr</td> <td>21.8 hr</td> <td>29.0 hr</td> </tr> <tr> <td>discrete model</td> <td>6.6 hr</td> <td>13.2 hr</td> <td>19.8 hr</td> <td>13.6 hr</td> <td>19.8 hr</td> <td>26.4 hr</td> </tr> </table>	Models	24Wh	48Wh	72Wh	24Wh + 24Wh	24Wh + 48Wh	24Wh + 72Wh	Integrated model	7.2 hr	14.4 hr	21.8 hr	14.4 hr	21.8 hr	29.0 hr	discrete model	6.6 hr	13.2 hr	19.8 hr	13.6 hr	19.8 hr	26.4 hr
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								AC adapter * Battery life varies significantly with settings, usage, & other factors 45W or 65W USB Type-C AC adapter																					
								Preload 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																					

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