

ThinkPad T480 20L5000A++

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
16GBx1

Display
14" FHD (1920x1080) IPS

Multi-touch
None

Storage
512GB SSD M.2 PCIe NVMe Opal2

Optical
None

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

WWAN
None

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 Weight	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		Models	24Wh or 24Wh + 24Wh		48Wh, 72Wh, or 24Wh + 48Wh / 72Wh						
	i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620		Integrated Magnesium	3.49 lb / 1.58 kg		3.92 lb / 1.78 kg						
	i5-7300U			2.6 GHz	3.5 GHz	3MB				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						
or 8th Generation Intel Core i5 / i7 Processor									Discrete PPS	3.68 lb / 1.67 kg		4.12 lb / 1.87 kg							
Graphics	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Case color	Black									
	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Case material	Display cover: Magnesium Hybrid or PPS; Bottom: Glass-Fiber Reinforced Plastic									
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB			Smart card reader	Optional: Smart card reader									
	i5-8350U			1.7 GHz	3.6 GHz	6MB			Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)									
	i7-8550U			1.8 GHz	4.0 GHz	8MB			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									
i7-8650U	1.9 GHz			4.2 GHz	8MB	Monitor cable (optional)			USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter										
Chipset	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)								Camera (optional)	One of the following, configurable by model: • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera, fixed focus									
	Memory	Intel SoC (System on Chip) platform								Audio support	HD Audio, Realtek® ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack								
		32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets									Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight							
		* System clocks down for processors with lower memory controller										UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad						
		Display	Some:	14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio	Security chip vPro (optional)	Security chip vPro (optional)	Fingerprint reader	NFC (optional)	Battery			Optional integrated Li-Ion 24Wh battery and external Li-Ion 24Wh, 48Wh, or 72Wh battery							
Some:	14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle		Max battery life (MobileMark® 2014)	Models						24Wh	48Wh	72Wh	24Wh + 24Wh	24Wh + 48Wh	24Wh + 72Wh				
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			Integrated model						7.2 hr	14.4 hr	21.8 hr	14.4 hr	21.8 hr	29.0 hr				
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)								discrete model	6.6 hr	13.2 hr	19.8 hr	13.6 hr	19.8 hr	26.4 hr	* Battery life varies significantly with settings, usage, & other factors			
Storage	System has one HDD slot or one M.2 2280 slot exclusively for storage								AC adapter	45W or 65W USB Type-C AC adapter									
	Some:	HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™							Preload	Windows® 10 Home 64 or Windows 10 Pro 64									
	Some:	SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)							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									
	Some:	M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s								Mil-Spec test	MIL-STD-810G military certification								
	Some:	128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN									Environment	EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant							
Optical	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																	
	Ethernet	None																	
		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 (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																		
	SIM card (opt)	Nano-SIM card slot, optional Verizon LTE (US) SIM card																	

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