

ThinkPad T480s 20L80016++

Region	Keyboard
EMEA	Backlit
Machine Type	Fingerprint Reader
20L8	Fingerprint Reader
TopSeller	NFC
No	None
Processor	TPM
Core i7-8650U (4C, 1.9 / 4.2GHz, 8MB)	dTPM 2.0
vPro	Battery
vPro	57Wh
Graphics	Power Adapter
Integrated Intel UHD Graphics 620	65W USB-C
Memory	Operating System
8GB Soldered + 8GB DIMM	Windows 10 Pro 64
Display	Warranty
14" WQHD (2560x1440) IPS	3-year, Onsite
Multi-touch	End of Support
None	Feb 29, 2024
Storage	Ann Date (mm/yy)
512GB SSD M.2 PCIe NVMe Opal2	01/18
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	
IR &720p	

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NFC	TPM
None	dTPM 2.0
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57Wh	
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65W USB-C	
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Windows 10 Pro 64	
Warranty	
3-year, Onsite	
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ThinkPad T480s Platform Specifications

Product Specifications Reference (PSREF)



Processor	7th Generation Intel® Core™ i5 Processor								Dimensions Weight Case color Case material	WxDxH: 13.03" x 8.93" x 0.73"; 331mm x 226.8mm x 18.45mm Starting at 2.9 lb (1.32kg) Black or Silver Display cover: CFRP Hybrid; Bottom: Magnesium				
	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	Smart card reader Media reader Ports	Optional: Smart card 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		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				optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC), side docking connector, security keyhole				
	i7-8550U			1.8 GHz	4.0 GHz	8MB				USB-C to VGA: Lenovo USB-C to VGA Adapter				
	i7-8650U			1.9 GHz	4.2 GHz	8MB				USB-C to DP: Lenovo USB-C to DisplayPort Adapter				
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				
Graphics									Camera	One of the following, configurable by model:				
									Audio support	• HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera, fixed focus				
										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 UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad				
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								Security	Power-on password, hard disk password, supervisor password, security keyhole				
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								Security chip vPro (optional)	Discrete TPM 2.0, TCG Certified Intel vPro Technology				
Display									Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology				
Multi-touch (opt)	On-cell touch, supports 10-finger gesture, 250 nits (FHD only)								NFC (optional)	Near Field Communication				
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)								Battery	Integrated Li-Ion 57Wh battery, supports Rapid Charge (0-80% in 60 mins) with 65W USB Type-C AC adapter				
Optical	None								Max battery life	MobileMark® 2014: 15.6 hr * Battery life varies significantly with settings, usage, & other factors				
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville)								AC adapter	45W or 65W USB Type-C AC adapter				
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								Operating system	Windows® 10 Home 64 or Windows 10 Pro 64				
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								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				
SIM card (opt)	Nano-SIM card slot, optional Verizon LTE (US) SIM card								Mil-Spec test	MIL-STD-810G military certification				
									Environment	EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant				

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