

ThinkPad T480 Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i5 Processor							Dimensions Weight	<i>WxDxH:</i> 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	<i>Models</i>	<i>24Wh or 24Wh + 24Wh</i>	<i>48Wh, 72Wh, or 24Wh + 48Wh / 72Wh</i>				
	i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620	<i>Integrated Magnesium</i>	3.49 lb / 1.58 kg	3.92 lb / 1.78 kg					
	i5-7300U			2.6 GHz	3.5 GHz	3MB			<i>Integrated PPS</i>	3.63 lb / 1.65 kg	4.08 lb / 1.85 kg					
	or 8th Generation Intel Core i3 / i5 / i7 Processor							Case color Case material	Black <i>Display cover:</i> Magnesium Hybrid or PPS; <i>Bottom:</i> Glass-Fiber Reinforced Plastic							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types		Processor Graphics	<i>Smart card reader</i>	<i>Optional:</i> Smart card reader					
	i3-8130U	4	8	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	<i>Media reader</i>	4-in-1 reader (MMC, SD, SDHC, SDXC)						
	i5-8250U			1.6 GHz	3.4 GHz	6MB			<i>Ports</i>	Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1, nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, 4-in-1 media reader (MMC, SD, SDHC, SDXC), side docking connector, security keyhole						
	i5-8350U			1.7 GHz	3.6 GHz	6MB			<i>Monitor cable (optional)</i>	<i>HDMI to VGA:</i> Lenovo HDMI to VGA Monitor Adapter <i>USB-C to DP:</i> Lenovo USB-C to DisplayPort Adapter						
	i7-8550U			1.8 GHz	4.0 GHz	8MB			<i>Camera (optional)</i>	<i>One of the following, configurable by model:</i>						
	i7-8650U			1.9 GHz	4.2 GHz	8MB			<i>Audio support</i>	<ul style="list-style-type: none"> • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera, fixed focus HD Audio, Realtek® ALC3287 codec / stereo speakers, 2W x 2, Dolby® Audio™ Premium / dual array microphone, headphone / microphone combo jack						
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 (<i>discrete graphics is available only on i7 models in EMEA</i>); 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	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller															
Display	<i>Some:</i>	14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio														
	<i>Some:</i>	14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle														
	<i>Some:</i>	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 (FHD only)															
Storage	<i>System has one HDD slot or one M.2 2280 slot exclusively for storage</i> <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s <i>Some:</i> 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN <i>Some:</i> 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															
Optical	None															
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> 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 * <i>Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS</i>															
WWAN (optional)	<i>One of the following, configurable by model (mutually exclusive with Intel Optane memory):</i> • 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 * <i>For non-WWAN model, it means the model is NOT WWAN upgradable</i>															
SIM card (opt)	Nano-SIM card slot, optional Verizon LTE (US) SIM card															
									<i>Max battery life (MobileMark® 2014)</i>	<i>Models</i>	<i>24Wh</i>	<i>48Wh</i>	<i>72Wh</i>	<i>24Wh + 24Wh</i>	<i>24Wh + 48Wh</i>	<i>24Wh + 72Wh</i>
									<i>Integrated model</i>	7.2 hr	14.4 hr	21.8 hr	14.4 hr	21.8 hr	29.0 hr	
									<i>Discrete model</i>	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							
									<i>AC adapter</i>	45W or 65W USB Type-C AC adapter						
									<i>Preload</i>	Windows® 10 Home 64 or Windows 10 Pro 64						
									<i>Limited warranty</i>	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service						
									<i>Mil-Spec test</i>	MIL-STD-810G military certification						
									<i>Environment</i>	EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant						

Note: The specifications above may not be available in all regions.

Lenovo
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