

ThinkPad E480 Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th or 8th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions	Aluminum (WxDxH): 12.96" x 9.53" x 0.78"; 329mm x 242mm x 19.9mm PC/ABS (WxDxH): 12.96" x 9.53" x 0.83"; 329mm x 242mm x 21.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Controller	Processor Graphics	Weight	From 3.85 lb (1.75kg)	
	i3-7130U	2	4	2.7 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Case color	LCD Rear: Black or Silver	
	i5-7200U			2.5 GHz	3.1 GHz	3MB				Base Cover: Black or Silver	
	i3-8130U	2	4	2.2 GHz	-	4MB	DDR4-2400	Intel UHD Graphics 610	Case material	Top Cover: Black or Silver	
	i5-8250U			1.6 GHz	3.4 GHz	6MB				Aluminum: Aluminum display cover	
	i7-8550U			1.8 GHz	4.0 GHz	8MB				DDR4-2400	Intel UHD Graphics 620
* i3-7130U is not available in EMEA									Camera		
Graphics	Intel HD Graphics in processor only, or AMD Radeon RX 550 Graphics, 2GB DDR5 memory, digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent displays; Max resolution: 1920x1080 (HDMI)@60Hz								Audio support	HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio / stereo speakers, 1.5W x 2 / dual array microphone, combo audio / microphone jack	
									Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight	
Memory	32GB max / 2400MHz DDR4, non-parity, dual-channel capable, two 260-pin SO-DIMM sockets * System clocks down for processors with lower memory controller								UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad	
									ThinkLight™	None	
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, 400:1 contrast ratio								Fingerprint reader	Some: Touch style fingerprint reader on the palm rest	
									NFC	None	
Multi-touch	None								Security	Power-on password, hard disk password, supervisor password, security keyhole	
									Security chip	fTPM2.0: Firmware TPM 2.0, integrated in chipset dTPM2.0: Discrete TPM 2.0, TCG Certified	
Storage	Up to 2 drives (one M.2 SSD and one HDD) Some: M.2 SSD / PCIe NVMe Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™ Some: Dummy HDD								vPro	No	
									Battery type	Li-Polymer 3-cell (45Wh)	
Optical	None								Battery life	3-cell (45Wh): up to 13 hr	
									AC adapter	Some: 45-watt AC adapter (USB Type-C) Some: 65-watt AC adapter (USB Type-C)	
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								Preload	Some: Windows 10 Pro 64 Some: Windows 10 Home 64	
										Some: No operating system	
WLAN	One of the following, configurable by model: • Intel Dual Band Wireless-AC 3165, 1x1, Wi-Fi + BT combo adapter, M.2 Card • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Realtek RTL8821CE, Wi-Fi 1x1 802.11ac + BT4.1, M.2 card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								• Lenovo Companion		
									• PC Manager		
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								• Microsoft Office preloaded;		
									purchase a product key to activate		
WWAN	None								• McAfee® Live Safe (30-day trial)		
SIM card	None								Limited warranty	1-year - depot repair service / service upgrades available	
									Mil-Spec test	None	
Smart Card Reader	None								Environment	ENERGY STAR®; RoHS-compliant	
ExpressCard	None										
Dock	None										
Multicard Reader	Micro SD card reader										
Ports	Two USB 3.1 (one Always On), one USB 2.0, HDMI 1.4b, Ethernet (RJ-45), One USB 3.1 Type-C Gen 2 (support data, video, and power delivery)										
Monitor cable	None										