

ThinkPad E480 Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th or 8th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions <i>Aluminum (WxDxH):</i> 12.96" x 9.53" x 0.78"; 329mm x 242mm x 19.9mm <i>PC/ABS (WxDxH):</i> 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	
	i3-7130U	2	4	2.7 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	
	i5-7200U			2.5 GHz	3.1 GHz	3MB			
	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	
i5-8250U	1.6 GHz			3.4 GHz	6MB				
i7-8550U	4	8	1.8 GHz	4.0 GHz	8MB	DDR4-2400			
* i3-7130U is not available in EMEA and US									
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								Camera Audio support
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								HD720p resolution, fixed focus HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio / stereo speakers, 1.5W x 2 / dual array microphone, combo audio / microphone jack
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								Keyboard UltraNav™ ThinkLight™
Multi-touch	None								6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and multi-touch with 3+2 buttons click pad None
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								Fingerprint reader NFC Security Security chip
Optical	None								Some: Touch style fingerprint reader on the palm rest None Power-on password, hard disk password, supervisor password, security keyhole <i>fTPM2.0:</i> Firmware TPM 2.0, integrated in chipset <i>dTPM2.0:</i> Discrete TPM 2.0, TCG Certified
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								vPro No
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								Battery type Type-C AC adapter up to 13.51 hr 45W or 65W USB Type-C AC adapter
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Preload Some: Windows 10 Pro 64 Some: Windows 10 Home 64 • Lenovo Companion • PC Manager • Microsoft Office preloaded; purchase a product key to activate • McAfee® Live Safe (30-day trial)
WWAN	None								Limited warranty 1-year - depot repair service / service upgrades available
SIM card	None								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								