

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		Intel HD Graphics 620	
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620	
i7-8550U	1.8 GHz			4.0 GHz	8MB	Intel UHD Graphics 620			
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 HD720p resolution, fixed focus
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								Audio support 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 6-row, spill-resistant, multimedia Fn keys, optional LED backlight UltraNav™ TrackPoint® pointing device and multi-touch with 3+2 buttons click pad ThinkLight™ None
Multi-touch	None								Fingerprint reader Some: Touch style fingerprint reader on the palm rest NFC 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								Security Power-on password, hard disk password, supervisor password, security keyhole Security chip <i>fTPM2.0:</i> Firmware TPM 2.0, integrated in chipset <i>dTPM2.0:</i> Discrete TPM 2.0, TCG Certified
Optical	None								vPro No
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								Battery type Li-Polymer 3-cell (45Wh) 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)
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								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)
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Limited warranty 1-year - depot repair service / service upgrades available
WWAN	None								Mil-Spec test None
SIM card	None								Environment ENERGY STAR®; RoHS-compliant
Smart Card Reader	None								
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								