ThinkPad E480 Platform Specifications

Processor								
7th or 8th Generation Intel® Core™ i3 / i5 / i7 Processor								

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 610
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		

* 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
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
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
Multi-touch	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
Optical	None
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS
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™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
WWAN	None
SIM card	None
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

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
Weight	From 3.85 lb (1.75kg)
Case color	*LCD Rear :* Black or Silver *Base Cover:* Black or Silver *Top Cover:* Black or Silver
Case material	*Aluminum:* Aluminum display cover *PC/ABS:* PolyCarbonate/Acrylonitrile-Butadiene-Styrene display cover
Camera	HD720p resolution, fixed focus
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
UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad
ThinkLight™	None
Fingerprint reader	*Some:* Touch style fingerprint reader on the palm rest
NFC	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
vPro	No
Battery type	45Wh battery
Battery life	up to 13.51 hr
AC adapter	45W or 65W USB Type-C AC adapter
Preload	*Some:* Windows 10 Pro 64 *Some:* No operating system *Some:* Windows 10 Home 64 • Lenovo Companion • PC Manager • Microsoft Office preloaded; purchase a product key to activate • McAfee® Live Safe (30-day trial)
Limited warranty	**1-year** - depot repair service / service upgrades available
Mil-Spec test	None
Environment	ENERGY STAR®; RoHS-compliant