



ThinkPad E480 Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | | | | |
|--|---|--------------|----------------|---------------------|---------------------|-------------------|------------------------|-----------------------|---|--|
| Processor | 7th Generation Intel® Core™ i3 / i5 Processor (i3-7130U is NOT available in US and EMEA) or | | | | | | | 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 Types | Processor Graphics | Weight | Starting at 3.87 lb / 1.75kg |
| | i3-7020U | 2 | 4 | 2.3 GHz | - | 3MB | DDR4-2133 | Intel HD Graphics 620 | Case color | Black or silver |
| | i3-7130U | | | 2.7 GHz | - | 3MB | | | Case material | Display cover: Aluminum or PC/ABS plastic; Bottom: PC/ABS plastic |
| i5-7200U | 2.5 GHz | | | 3.1 GHz | 3MB | Smart card reader | | | None | |
| 8th Generation Intel Core i3 / i5 / i7 Processor | | | | | | | Media reader | MicroSD card reader | | |
| Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics | Ports | Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 2, one USB 2.0, HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, microSD card reader, security keyhole | |
| i3-8130U | 2 | 4 | 2.2 GHz | 3.4 GHz | 4MB | DDR4-2400 | Intel UHD Graphics 620 | Camera | HD720p camera, fixed focus | |
| i5-8250U | 4 | 8 | 1.6 GHz | 3.4 GHz | 6MB | | | Audio support | HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio / stereo speakers, 1.5W x 2 / dual array microphone, headphone / microphone combo jack | |
| i7-8550U | | | 1.8 GHz | 4.0 GHz | 8MB | | | Keyboard | 6-row, spill-resistant, multimedia Fn keys, optional LED backlight UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad | |
| 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 AMD Radeon RX 550 Graphics, 2GB DDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports dual independent display; Max resolution: 1920x1080 (HDMI)@60Hz | | | | | | | Security | Power-on password, hard disk password, supervisor password, security keyhole | |
| Chipset | Intel SoC (System on Chip) platform | | | | | | | Security chip (opt) | Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified vPro | |
| Memory | 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller | | | | | | | Fingerprint reader | Optional: Touch style fingerprint reader on the palm rest | |
| 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 | | | | | | | NFC | None | |
| Multi-touch | None | | | | | | | Battery | Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter | |
| Storage | Up to 2 drives (one M.2 SSD and one HDD) Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™ Some: M.2 SSD / PCIe NVMe | | | | | | | Max battery life | MobileMark® 2014: 13.51 hr * Battery life varies significantly with settings, usage, & other factors | |
| Optical | None | | | | | | | AC adapter | 45W or 65W USB Type-C AC adapter | |
| Ethernet | Gigabit Ethernet Connection, Realtek R8111GUS | | | | | | | Preload (optional) | Windows® 10 Home 64 or Windows 10 Pro 64 | |
| WLAN + Bluetooth™ | One of the following, configurable by model: • Realtek® RTL8821CE, Wi-Fi 1x1 802.11ac + Bluetooth 4.1, M.2 card • Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card • Intel Dual Band Wireless-AC 3165, 1x1, Wi-Fi + Bluetooth 4.1, M.2 Card | | | | | | | Limited warranty | 1-year depot repair service | |
| WWAN SIM card | None | | | | | | | Mil-Spec test | MIL-STD-810G military certification | |
| | | | | | | | | Environment | ENERGY STAR® 6.1; RoHS-compliant | |

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

Lenovo
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ThinkPad E480 - TopSeller - 20KN

Product Specifications Reference (PSREF)

| Model | Region | Processor | vPro | Graphics | Memory | Display | Storage(HDD/SSD) | Optical | WLAN + Bluetooth | WWAN | SIM Card | Color | Case Material | Camera | Keyboard | Finger-print Reader | TPM | Battery | Power Adapter | Operating System | Warranty | Ann Date (m/y) |
|------------|--------|-----------|------|----------------|--------|-------------------------|-------------------------------|---------|-------------------|------|----------|--------|---------------|--------|-------------|---------------------|------------|---------|---------------|------------------|---------------|----------------|
| 20KN0032US | US | i7-8550U | None | AMD RX 550 2GB | 8GBx1 | 14" FHD (1920x1080) IPS | 256GB SSD M.2 PCIe NVMe Opal2 | None | 11ac, 2x2 + BT4.1 | None | None | Black | Aluminum | 720p | Non-backlit | Finger-print Reader | FW TPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN0033US | US | i7-8550U | None | AMD RX 550 2GB | 8GBx1 | 14" FHD (1920x1080) IPS | 256GB SSD M.2 PCIe NVMe Opal2 | None | 11ac, 2x2 + BT4.1 | None | None | Silver | Aluminum | 720p | Non-backlit | None | FW TPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN0034US | US | i5-8250U | None | Intel UHD 620 | 8GBx1 | 14" FHD (1920x1080) IPS | 256GB SSD M.2 PCIe NVMe Opal2 | None | 11ac, 2x2 + BT4.1 | None | None | Silver | Aluminum | 720p | Non-backlit | None | dTPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN003SUS | US | i5-7200U | None | Intel HD 620 | 8GBx1 | 14" HD (1366x768) | 500GB 7200rpm | None | 11ac, 2x2 + BT4.1 | None | None | Black | PC/ABS | 720p | Non-backlit | Finger-print Reader | dTPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN003UUS | US | i5-8250U | None | Intel UHD 620 | 8GBx1 | 14" FHD (1920x1080) IPS | 500GB 7200rpm | None | 11ac, 2x2 + BT4.1 | None | None | Black | Aluminum | 720p | Non-backlit | Finger-print Reader | dTPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN003WUS | US | i7-8550U | None | AMD RX 550 2GB | 4GBx2 | 14" FHD (1920x1080) IPS | 500GB 7200rpm | None | 11ac, 2x2 + BT4.1 | None | None | Black | Aluminum | 720p | Non-backlit | Finger-print Reader | FW TPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN003XUS | US | i5-8250U | None | Intel UHD 620 | 4GBx2 | 14" FHD (1920x1080) IPS | 256GB SSD M.2 PCIe NVMe Opal2 | None | 11ac, 2x2 + BT4.1 | None | None | Black | Aluminum | 720p | Non-backlit | Finger-print Reader | dTPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN003YUS | US | i5-7200U | None | Intel HD 620 | 4GBx2 | 14" FHD (1920x1080) IPS | 256GB SSD M.2 PCIe NVMe Opal2 | None | 11ac, 2x2 + BT4.1 | None | None | Black | Aluminum | 720p | Non-backlit | Finger-print Reader | dTPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN0040US | US | i5-8250U | None | Intel UHD 620 | 8GBx1 | 14" FHD (1920x1080) IPS | 128GB SSD M.2 PCIe NVMe Opal2 | None | 11ac, 2x2 + BT4.1 | None | None | Black | Aluminum | 720p | Non-backlit | Finger-print Reader | dTPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |
| 20KN0041US | US | i7-8550U | None | AMD RX 550 2GB | 8GBx1 | 14" FHD (1920x1080) IPS | 500GB 7200rpm | None | 11ac, 2x2 + BT4.1 | None | None | Silver | Aluminum | 720p | Non-backlit | None | FW TPM 2.0 | 45Wh | 65W USB-C | Win10 Pro 64 | 1-year, Depot | 12/17 |