# ThinkPad E570 Platform Specifications



**Processor**

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

| Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Controller | Processor Graphics |
|---|---|---|---|---|---|---|---|
| i3-6100U | 2 | 4 | 2.3 GHz | - | 3MB | DDR4-2133 | Intel HD Graphics 520 |
| i5-6200U | | | 2.3 GHz | 2.8 GHz | 3MB | | |
| i7-6500U | | | 2.5 GHz | 3.1 GHz | 4MB | | |
| i3-7100U | | | 2.4 GHz | - | 3MB | DDR4-2133 | Intel HD Graphics 620 |
| i5-7200U | | | 2.5 GHz | 3.1 GHz | 3MB | | |
| i7-7500U | | | 2.7 GHz | 3.5 GHz | 4MB | | |

* i5-6200U, i7-6500U are not available in EMEA

**Graphics**

Intel HD Graphics in processor only, or
NVidia GeForce 940MX Graphics, 2GB DDR5 memory, or
NVidia GeForce GTX 950M Graphics, 2GB DDR5 memory,
external analog monitor support via VGA DB-15 connector and
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz

**Memory**

32GB max / 2133MHz DDR4, non-parity, dual-channel capable,
two 260-pin SO-DIMM sockets
* System clocks down for processors with lower memory controller

**Display**

Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight,
220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio, 600:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight,
250 nits, 16:9 aspect ratio, 600:1 contrast ratio

**Multi-touch**

None

**Storage**

*Some:* M.2 SSD / SATA 6.0Gb/s
*Some:* M.2 SSD / PCIe NVMe
*Some:* HDD / SATA 6.0Gb/s, 2.5" wide, removable,
upgradable, Active Protection System™

**Optical**

*Some:* DVD burner, 9.0mm high, removable
*Some:* Blank Bezel

**Ethernet**

Gigabit Ethernet Connection, Realtek R8111GUS

**WLAN**

*One of the following, configurable by model:*

- Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BT combo adapter, M.2 Card
- QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

**Bluetooth™**

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

**WWAN**

None

**SIM card**

None

**Smart Card Reader**

None

**ExpressCard**

None

**Dock**

None

**Multicard Reader**

4-in-1 reader (MMC, SD, SDHC, SDXC)

**Ports**

Two USB 3.0, one USB 2.0 (Always On), VGA, HDMI, Ethernet (RJ-45),
combo audio / microphone jack,
optional one USB 3.1 Type-C (standard for i5, i7 models in EMEA)

**Monitor cable**

None

**Dimensions**

*Aluminum (WxDxH):* 14.92" x 10.28" x 0.94" 379mm x 261mm x 23.9mm
*PC/ABS (WxDxH):* 14.92" x 10.28" x 1.00"; 379mm x 261mm x 25.4mm

**Weight**

From 5.07 lb (2.30kg)

**Case color**

*LCD Rear :* Black, Silver, Gold (in EMEA only black color available)
*Base Cover:* Black
*Top Cover:* Black, Silver

**Case material (*LCD Rear*)**

*Aluminum:* Aluminum display cover
*PC/ABS:* PolyCarbonate/Acrylonitrile-Butadiene-Styrene display cover

**Camera**

*Some:* HD720p resolution, fixed focus

**Audio support**

HD Audio, Conexant® CX11852 codec, Dolby® Audio™ Premium /
stereo speakers, 2W x 2 / dual array microphone,
combo audio / microphone jack

**Keyboard**

6-row, spill-resistant, multimedia Fn keys

**UltraNav™**

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

**ThinkLight™**

None

**Fingerprint reader**

*Some:* Fingerprint reader on the keyboard bezel, swipe sensor

**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**

*Some:* Li-Polymer 4-cell (32Wh)
*Some:* Li-Ion 4-cell (41Wh)

**Battery life**

*Some:* Up to 5.0 hr for Li-Polymer 4-cell (32Wh)
*Some:* Up to 7.0 hr for Li-Ion 4-cell (41Wh)

**AC adapter**

*Some:* 45-watt AC adapter
*Some:* 65-watt AC adapter
*Some:* 90-watt AC adapter

**Preload**

*Some:* Windows 10 Pro 64 *Some:* No operating system
*Some:* Windows 10 Home 64

- Lenovo Companion
- Lenovo Settings
- 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**

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant