# ThinkPad L570 Platform Specifications

| Processor | 6th Generation Intel® Core™ i3 / i5 / i7 Processor or |
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| Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics |
|---|---|---|---|---|---|---|---|
| i3-6006U | | | 2.0 GHz | - | 3MB | | |
| i3-6100U | | | 2.3 GHz | - | 3MB | | |
| i5-6200U | 2 | 4 | 2.3 GHz | 2.8 GHz | 3MB | DDR4-2133 | Intel HD Graphics 520 |
| i5-6300U | | | 2.4 GHz | 3.0 GHz | 3MB | | |
| i7-6500U | | | 2.5 GHz | 3.1 GHz | 4MB | | |
| i7-6600U | | | 2.6 GHz | 3.4 GHz | 4MB | | |

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

| Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics |
|---|---|---|---|---|---|---|---|
| Cel 3965U | | 2 | 2.2 GHz | - | 2MB | | Intel HD Graphics 610 |
| i3-7100U | | | 2.4 GHz | - | 3MB | | |
| i5-7200U | 2 | | 2.5 GHz | 3.1 GHz | 3MB | DDR4-2133 | Intel HD Graphics 620 |
| i5-7300U | | 4 | 2.6 GHz | 3.5 GHz | 3MB | | |
| i7-7500U | | | 2.7 GHz | 3.5 GHz | 4MB | | |
| i7-7600U | | | 2.8 GHz | 3.9 GHz | 4MB | | |

*\* i7 processor is NOT available in EMEA*

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| Graphics | Intel HD Graphics 520, 610, or 620 in processor only; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA) |
| Chipset | Intel SoC (System on Chip) platform |
| Memory | 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 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, 350:1 contrast ratio *Some:* 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio *Some:* 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle |
| Multi-touch | None |
| Storage | *Some:* HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ *Some:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) *Some:* M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s *Some:* 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN |
| Optical *(optional)* | DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in |
| Ethernet | *Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville) *vPro model:* Intel Ethernet Connection I219-LM (Jacksonville) |
| WLAN | *One of the following, configurable by model:* • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card |
| Bluetooth™ | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter *\* Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS* |

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| WWAN *(optional)* | *One of the following, configurable by model:* • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card • Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) |
| SIM card *(opt)* | Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card |
| Dimensions | *WxDxH:* 14.84" x 10.04" x 1.08-1.21"; 377mm x 255mm x 27.6-30.85mm |
| Weight | Starting at 5.25 lb / 2.38 kg |
| Case color | Black |
| Case material | PC/ABS plastic |
| ExpressCard *(opt)* | One slot (ExpressCard/34) |
| Smart card reader | *Optional:* Smart card reader |
| Media reader | 4-in-1 reader (MMC, SD, SDHC, SDXC) |
| Ports | Four USB 3.1 Gen 1 (USB 3.0, one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector *\* Depending on many factors, actual data transfer speed may be lower than theoretical speed* |
| Monitor cable | *Optional:* Lenovo Mini-DisplayPort to DisplayPort Monitor Cable (MiniDP to DP) |
| Camera *(optional)* | HD720p resolution, fixed focus |
| Audio support | HD Audio, Realtek® ALC3245 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack |
| Keyboard | 6-row, spill-resistant, multimedia Fn keys, numeric keypad |
| UltraNav™ | TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad |
| Security | Power-on password, hard disk password, supervisor password, security keyhole |
| Security chip | Discrete TPM 2.0, TCG Certified |
| vPro *(optional)* | Intel vPro Technology |
| Fingerprint reader | *Optional:* Swipe style fingerprint reader on the palm rest |
| NFC | None |
| Battery | Li-ion 6-cell *(48Wh)* |
| Max battery life | *MobileMark® 2014:* 14.8 hr *\* Battery life varies significantly with settings, usage, & other factors* |
| AC adapter | 45W slim tip AC adapter |
| Operating system | *One of the following, configurable by model:* • Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Windows 10 Home 64 • Windows 10 Pro 64 |
| Limited warranty | *One of the following, configurable by model:* • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service |
| Mil-Spec test | MIL-STD-810G military testing |
| Environment | EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant |

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