

# ThinkPad T560 Platform Specifications

Product Specifications Reference (PSREF)

|   |   |            |                   |                |                     |       |                   |                       |   |
|---|---|------------|-------------------|----------------|---------------------|-------|-------------------|-----------------------|---|
| Processor   | 6th Generation Intel® Core™ i5 / i7 Processor   |            |                   |                |                     |       |                   |                       | Smart card reader <i>Optional</i> : Smart card reader<br>Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Ports Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector<br>Camera ( <i>optional</i> ) HD720p resolution, low light sensitive, fixed focus<br>Audio support HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack   |
|   | Processor Number  | # of Cores | # of Threads      | Base Frequency | Max Turbo Frequency | Cache | Memory Speed      | Processor Graphics    |   |
|   | i5-6200U  | 2          | 4                 | 2.3 GHz        | 2.8 GHz             | 3MB   | DDR3L-1600        | Intel HD Graphics 520 |   |
|   | i5-6300U  |            |                   | 2.4 GHz        | 3 GHz               | 3MB   |                   |                       |   |
| i7-6600U  | 2.6 GHz   |            |                   | 3.4 GHz        | 4MB                 |       |                   |                       |   |
| Graphics  | Intel HD Graphics 520 in processor only, or Intel HD Graphics 520 in processor and NVIDIA GeForce® 940MX, 2GB memory; supports external digital monitor via HDMI or Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable); 4096x2160@24Hz (HDMI) |            |                   |                |                     |       |                   |                       |   |
| Chipset   | Intel SoC (System on Chip) platform   |            |                   |                |                     |       |                   |                       | Keyboard 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight<br>UltraNav™ TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch<br>Security Power-on password, hard disk password, supervisor password, security keyhole<br>Security chip Trusted Platform Module, TCG 1.2-compliant<br>ThinkEngine Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures<br>vPro ( <i>optional</i> ) Intel vPro Technology<br>Fingerprint reader <i>Optional</i> : Swipe style fingerprint reader on the palm rest |
| Memory  | 32GB max <sup>7</sup> / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two DDR3L SO-DIMM sockets  |            |                   |                |                     |       |                   |                       |   |
| Display   | <i>Some</i> : 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio   |            |                   |                |                     |       |                   |                       |   |
|   | <i>Some</i> : 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle  |            |                   |                |                     |       |                   |                       |   |
|   | <i>Some</i> : 15.5" (394mm) 3K (2880x1620), anti-glare, LED backlight, IPS, 350 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 160° viewing angle  |            |                   |                |                     |       |                   |                       |   |
|   | Multi-touch ( <i>opt</i> ) In-cell touch, supports 10-finger gesture  |            |                   |                |                     |       |                   |                       |   |
| Storage   | <i>Some</i> : SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high   |            |                   |                |                     |       |                   |                       |   |
|   | <i>Some</i> : SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, 2.5" wide, 7mm high<br><i>Some</i> : HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Shock Mounted Hard Drive, Active Protection System™<br><i>Some</i> : SSHD with 8GB NAND flash memory   |            |                   |                |                     |       |                   |                       |   |
| Optical   | None  |            |                   |                |                     |       |                   |                       |   |
| Ethernet  | <i>Non-vPro model</i> : Intel Ethernet Connection I219-V (Jacksonville)<br><i>vPro model</i> : Intel Ethernet Connection I219-LM (Jacksonville)   |            |                   |                |                     |       |                   |                       |   |
| WLAN <sup>4</sup>   | <i>One of the following, configurable by model</i> :<br>• 11ac+BT, Broadcom BCM4356, 2x2, M.2 card<br>• 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card  |            |                   |                |                     |       |                   |                       |   |
| Bluetooth™  | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter   |            |                   |                |                     |       |                   |                       |   |
| WWAN ( <i>optional</i> )  | <i>One of the following, configurable by model</i> :<br>• Wireless WAN upgradable<br>• Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card<br>• Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)                          |            |                   |                |                     |       |                   |                       |   |
| SIM card ( <i>opt</i> )   | Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card  |            |                   |                |                     |       |                   |                       |   |
| Dimensions <sup>3</sup>   | WxDxH: 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm   |            |                   |                |                     |       |                   |                       |   |
| Weight <sup>2</sup>   | Models  |            | No + 6-cell       |                | 3-cell + 3-cell     |       | 3-cell + 6-cell   |                       |   |
|   | Integrated Non-touch  |            | 5.18 lb / 2.35 kg |                | 4.88 lb / 2.22 kg   |       | 5.35 lb / 2.43 kg |                       |   |
|   | Integrated Multi-touch  |            | -                 |                | 4.92 lb / 2.23 kg   |       | 5.33 lb / 2.42 kg |                       |   |
|   | Discrete Non-touch  |            | 5.27 lb / 2.39 kg |                | 4.97 lb / 2.25 kg   |       | 5.44 lb / 2.47 kg |                       |   |
|   | Discrete Multi-touch  |            | -                 |                | 5.00 lb / 2.27 kg   |       | 5.42 lb / 2.46 kg |                       |   |
| Case material   | <i>Display cover</i> : PPS; <i>Bottom</i> : Glass-Fiber Reinforced Plastic  |            |                   |                |                     |       |                   |                       |   |
| Limited warranty <sup>12</sup> <i>One of the following, configurable by model</i> :<br>• 1-year depot repair service<br>• 3-year/1-yr battery depot repair service<br>• 3-year/1-yr battery limited onsite service <sup>24</sup><br>• 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery) |   |            |                   |                |                     |       |                   |                       |   |
| Mil-Spec test   | MIL-STD-810G military certification   |            |                   |                |                     |       |                   |                       |   |
| Environment   | EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant  |            |                   |                |                     |       |                   |                       |   |