### ThinkPad L580 Specifications

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

#### Processor

<table>
<thead>
<tr>
<th>Processor Number</th>
<th># of Cores</th>
<th># of Threads</th>
<th>Base Frequency</th>
<th>Max Turbo Frequency</th>
<th>Cache</th>
<th>Memory Types</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cel 3965U</td>
<td>1</td>
<td>2</td>
<td>2.2 GHz</td>
<td>-</td>
<td>2MB</td>
<td>DDR4-2133</td>
<td>Intel HD Graphics 610</td>
</tr>
<tr>
<td>3-7020U</td>
<td>4</td>
<td>4</td>
<td>2.3 GHz</td>
<td>-</td>
<td>-</td>
<td>DDR4-2400</td>
<td>Intel HD Graphics 620</td>
</tr>
<tr>
<td>3-7130U</td>
<td>4</td>
<td>4</td>
<td>2.7 GHz</td>
<td>-</td>
<td>3MB</td>
<td>DDR4-2133</td>
<td>Intel HD Graphics 610</td>
</tr>
<tr>
<td>5-7200U</td>
<td>4</td>
<td>4</td>
<td>2.5 GHz</td>
<td>3.1 GHz</td>
<td>3MB</td>
<td>DDR4-2400</td>
<td>Intel HD Graphics 620</td>
</tr>
<tr>
<td>5-7300U</td>
<td>4</td>
<td>4</td>
<td>2.6 GHz</td>
<td>3.5 GHz</td>
<td>3MB</td>
<td>DDR4-2400</td>
<td>Intel HD Graphics 620</td>
</tr>
</tbody>
</table>

* 3-7130U is NOT available in US and EMEA

#### Graphics

- Intel HD Graphics 610, 620 or Intel UHD Graphics 620 in processor only or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and AMD Radeon 530, 2GB GDDR5 memory (discrete models are not available in EMEA);
supports external monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)

#### Chipset Memory

- Intel SoC (System on Chip) platform
- 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

#### Display

- 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits (16:9 aspect ratio, 500:1 contrast ratio)
- 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits (16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle)

#### Multi-touch

- None

#### Storage

- System has one HDD slot or one M.2 2280 slot exclusively for storage
  - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
  - SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
- 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN

#### Optical

- None

#### Ethernet

- Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
- vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

#### WLAN + Bluetooth™ (optional)

- One of the following, configurable by model:
  - Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card (US only)
  - Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card

#### WWAN (optional)

- One of the following, configurable by model:
  - Wireless WAN upgradable (special bid only)
  - Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)
  - Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

#### SIM card (opt)

* For non-WWAN model, it means the model is NOT WWAN upgradable

#### Dimensions

- WxDxH: 14.82" x 10.02" x 0.90"; 376.5mm x 254.5mm x 22.95mm

#### Weight

- Starting at 4.46 lb / 2.0 kg

#### Case color

- Black

#### Case material

- PC/ABS plastic

#### Audio

- HD Audio, Realtek ALC3287 codec / dual array microphone, headphone / microphone combo jack

#### Camera

- Optional: Smart card reader

#### Media reader

- MicroSD card reader

#### Ports

- Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole

#### Monitor cable (optional)

- HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
- USB-C to VGA: Lenovo USB-C to VGA Adapter

#### Operating system

- Optional: Windows® 10 Home 64 or Windows 10 Pro 64

#### NFC (optional)

- Near Field Communication

#### Battery

- Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

#### Max battery life

- 12 hr

#### AC adapter

- 45W or 65W USB Type-C AC adapter

#### Environment

- MIL-STD-810G military testing
- EPEAT® Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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**Lenovo**

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