### ThinkPad X1 Extreme Gen 3 Platform Specifications

#### Processor

<table>
<thead>
<tr>
<th>Processor Number</th>
<th>Cores</th>
<th>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>i5-10400H</td>
<td>4</td>
<td>8</td>
<td>2.6 GHz</td>
<td>4.6 GHz</td>
<td>8MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
<tr>
<td>i7-10750H</td>
<td>6</td>
<td>12</td>
<td>2.6 GHz</td>
<td>5.0 GHz</td>
<td>12MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
<tr>
<td>i7-10850H</td>
<td>6</td>
<td>12</td>
<td>2.7 GHz</td>
<td>5.1 GHz</td>
<td>12MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
<tr>
<td>i9-10885H</td>
<td>8</td>
<td>16</td>
<td>2.4 GHz</td>
<td>5.3 GHz</td>
<td>16MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
</tbody>
</table>

#### Graphics

Intel UHD Graphics in processor only or Intel UHD Graphics in processor and NVIDIA GeForce GTX 1650 Ti Max-Q, 4GB GDDR6 memory; supports up to 4 independent displays via native display and 3 external monitors; supports external monitors via HDMI (up to 4K@60Hz) or Thunderbolt™ (up to 5K@60Hz for hybrid model / 4K@60Hz for integrated model).

#### Chipset

Mobile Intel WM490 Chipset

#### Display

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Type</th>
<th>Brightness</th>
<th>Aspect Ratio</th>
<th>Contrast</th>
<th>Color Gamut</th>
<th>Viewing Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.6&quot; FHD</td>
<td>1920x1080</td>
<td>WVA</td>
<td>300 nits</td>
<td>16:9</td>
<td>700:1</td>
<td>72% NTSC</td>
<td>170°</td>
</tr>
<tr>
<td>15.6&quot; FHD (Dolby Vision™ HDR)</td>
<td>WVA</td>
<td>Anti-glare</td>
<td>-</td>
<td>500 nits</td>
<td>800:1</td>
<td>72% NTSC</td>
<td>170°</td>
</tr>
<tr>
<td>15.6&quot; UHD</td>
<td>3840x2160</td>
<td>WVA</td>
<td>600 nits</td>
<td>16:9</td>
<td>1400:1</td>
<td>100% Adobe</td>
<td>178°</td>
</tr>
<tr>
<td>15.6&quot; UHD (Dolby Vision HDR)</td>
<td>WVA</td>
<td>Anti-glare</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Multi-touch (optional)

Capacitive-type multi-touch, supports 10-finger gesture, anti-reflection (AR), anti-smudge (AS) coating

#### Pen (optional)

Lenovo Pen Pro

#### Storage

Up to two M.2 SSD

M.2 2280 SSD / PCIe NVMe 3.0 x 4

RAID (optional)

RAID 0/1 support

#### Optical

None

#### Ethernet

Gigabit Ethernet connection via optional Lenovo USB-C to Ethernet Adapter

WLAN + BT

Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1

WWAN (optional)

Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card

SIM card

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

#### Battery

Integrated Li-Polymer 80Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 135W AC adapter

#### Max battery life

MobileMark 2014: 15.6 hr

MobileMark 2018: 11.8 hr

#### Operating system

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

#### Limited warranty (optional)

- 1-year depot repair service
- 1-year depot with 2-year system board repair service
- 1-year limited onsite service
- 1-year + 2-year depot repair service
- 1-year + 2-year limited onsite 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, ENERGY STAR® 8.0; TCO Certified, RoHS-compliant

**Note:** The specifications above may not be available in all regions and might change by regions.

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