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Summary of Changes

This section describes the technical changes made in this edition. This edition might also include minor corrections and editorial changes which are not identified.

October 30, 2019 - Version 550

Additions in this update

► New product(s)
  None

► New model(s)
  None

► Others
  ThinkPad X1 Tablet (3rd Gen) - Spec updated

Withdrawals in this update

► Withdrawn product(s)
  None
## ThinkPad X1 Tablet (3rd Gen) Platform Specifications

### 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>5-8250U</td>
<td>4</td>
<td>8</td>
<td>1.6 GHz</td>
<td>3.4 GHz</td>
<td>6MB</td>
<td>LPDDR3-2133</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>5-8350U</td>
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<td>8</td>
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<td>3.6 GHz</td>
<td>6MB</td>
<td></td>
<td></td>
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<tr>
<td>7-8550U</td>
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<td>1.8 GHz</td>
<td>4.0 GHz</td>
<td>8MB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-8650U</td>
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<td>1.9 GHz</td>
<td>4.2 GHz</td>
<td>8MB</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Graphics

- Intel UHD Graphics 620 in processor, supports external digital monitor via USB Type-C.

### Chipset

- Intel SoC (System on Chip) platform.

### Memory

- 8GB or 16GB / 2133MHz LPDDR3, soldered to systemboard, no sockets.

### Display

- 13.0" (330mm) QHD+ (3000x2000), glossy, LED backlight, IPS, anti-fingerprint display with Corning® Gorilla® Glass, WideView (160° viewing), 400 nits, 3:2 aspect ratio, 1200:1 contrast ratio.
- Capacitive touch panel, supports ten-finger gesture.
- Lenovo Pen Pro or Lenovo Active Pen (ThinkPad Pen Pro).
- Opening angle up to 170 degrees.

### Storage

- One of the following, configurable by model:
  - M.2 2280 SSD / SATA 6.0Gb/s
  - M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

### Optical Storage extension

- One MicroSD card reader, in the combo slot with nano-SIM card, support USH-I, microSDHC, microSDXC.

### Ethernet

- None.

### WLAN

- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.2, M.2 card.
- Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter.

### WWAN (optional)

- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455).

### SIM card (optional)

- Nano-SIM card slot, in the combo slot with microSD card reader.

### Dimensions

- Tablet only:
  - 11.97" x 8.9" x 0.35": 304.1mm x 226mm x 8.9mm
  - starting at 1.96 lb / 0.89kg
- Tablet + keyboard:
  - 11.97" x 8.9" x 0.57": 304.1mm x 226mm x 14.4mm
  - starting at 2.8 lb / 1.27kg

### Weight

- Black.

### Case color

- Magnesium/Aluminum.

### Ports

- Two USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one Pogo keyboard connector, one Pen holder slot, headphone / microphone combo jack, combo slot of nano-SIM card (WWAN models) and microSD card reader.
- * Depending on many factors, actual data transfer speed may be lower than theoretical speed.

### Control buttons

- Power button, volume control button, reset switch.
- Thin Keyboard (Magnetic Detachable).
- USB-C Dock Gen 2.

### Monitor cable

- None.

### Bundled Aaccy (optional)

- None.

### Computer support

- None.

### Security

- Kensington lock slot.
- Discrete TPM 2.0 TCG Certified.
- Intel vPro Technology.
- Optional: Touch style Fingerprint reader.
- Near Field Communication (mutually exclusive with IR camera).
- Integrated Li-Ion 42Wh battery.

### Battery

- MobileMark 2014: 9.5 hrs.
- * Battery life varies significantly with settings, usage, & other factors.
- 45W or 65W USB Type-C AC adapter.

### Preload

- One of the following, configurable by model:
  - Windows® 10 Pro 64
  - Windows 10 Home 64

### Limited warranty

- One of the following, configurable by model:
  - 1-year depot repair service
  - 1-year depot with 2-year system board service
  - 3-year/1-year battery depot repair service
  - 3-year/1-year battery limited onsite service

### Mil-Spec test

- MIL-STD-810G military testing.

### Environment

- EPAETM Silver, GREENGUARD, Low Halogen, RoHS.
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Lenovo Services: Carry-in or Mail-in Service: Parts and labor repair coverage where the customer is responsible for shipping (including packaging) or delivery to authorized warranty provider or repair center.

Depot or Courier Service: Parts and labor repair coverage where shipping (including packaging) or delivery to the repair center is paid for by Lenovo.

Expedited Depot: Parts and labor coverage with expedited turnaround. Shipping (including packaging) or delivery to the repair center is paid for by Lenovo.

Onsite / In-home Service: Parts and labor repair coverage where labor is provided onsite at your place of business.

If Lenovo determines your product problem is covered by the product warranty and cannot be resolved over the telephone, a technician will be dispatched to arrive onsite, typically the next day.


Visit www.lenovo.com/warranty for Lenovo Warranty Services terms and conditions for complete details and restrictions.

Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.


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