ThinkPad X1 Yoga Platform Specifications

### Processor

<table>
<thead>
<tr>
<th>Processor Number</th>
<th># of Cores</th>
<th>Base Frequency</th>
<th>Max Turbo Frequency</th>
<th>Cache</th>
<th>Memory Types</th>
<th>Processor Graphics</th>
<th>vPro</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-6200U</td>
<td>2</td>
<td>2.3 GHz</td>
<td>2.8 GHz</td>
<td>3MB</td>
<td>LPDDR3-1866</td>
<td>Intel HD Graphics 520</td>
<td>No</td>
</tr>
<tr>
<td>5-6300U</td>
<td>4</td>
<td>2.4 GHz</td>
<td>3.0 GHz</td>
<td>3MB</td>
<td></td>
<td></td>
<td>vPro</td>
</tr>
<tr>
<td>7-6500U</td>
<td>2</td>
<td>2.5 GHz</td>
<td>3.1 GHz</td>
<td>4MB</td>
<td></td>
<td></td>
<td>vPro</td>
</tr>
<tr>
<td>7-6600U</td>
<td>4</td>
<td>2.6 GHz</td>
<td>3.4 GHz</td>
<td>4MB</td>
<td></td>
<td></td>
<td>vPro</td>
</tr>
</tbody>
</table>

### Graphics

- Intel HD Graphics 520 in processor only
- Supports external digital monitor via HDMI or Mini DisplayPort
- Supports dual independent displays
- Max resolution: 3840x2160 (Mini DisplayPort)@60Hz; 4096x2160 (HDMI)@24Hz

### Chipset

- Intel SoC (System on Chip) platform
- 16GB max / 1866MHz LPDDR3 / soldered to system board

### Display

- Some: 14.0" (355mm) WQHD (2560x1440), glare, LED, 300 nits, 16:9 aspect ratio, 2000000:1 contrast ratio
- Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio
- Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio
- Capacitive touch panel, supports 10-finger gesture
- Yoga hinge, 360 degree
- Convert-mode Laptop, tent, stand, and tablet
- TouchPad Pen Pro, active pen for multi-touch display

### Storage

- Some: M.2 SSD / SATA 6.0Gb/s
- Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4
- None

### Optical

- None

### Ethernet

- Gigabit Ethernet via optional Ethernet (RJ-45) adapter (by native Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))

### LAN

- One of the following, configurable by model (WiGig is mutually exclusive with WWAN):
  - 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card
  - WiGig+11AC+BT, Wi-Fi-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 Card

### Bluetooth™

- Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

### WWAN (optional)

- One of the following, configurable by model (mutually exclusive with WiGig):
  - Wireless WAN, Sierra Wireless EM7455
  - Qualcomm™ 4G LTE-Advanced/DC-HSPA+/HSPA+/UMTS/GNSS, M.2 card
  - Wireless WANG, HUAWEI ME906S
  - HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

### SIM card

- Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE)

### Dimensions

- WxDxH: 13.11" x 9.02" x 0.66"; 333.0mm x 229.0mm x 16.8mm

### Weight

- From 3.00 lb (1.36kg)

### Case color

- Black

### Case material

- Carbon-Fiber Hybrid

### Camera

- HD720p resolution, fixed focus

### Audio support

- HD Audio, Conexant CX11852 codec, Dolby® DAX2 / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

### Keyboard

- UltraNav™ 6-row, spill-resistant, multimedia Fn keys, LED backlight
- TrackPoint® pointing device and buttonless glass surface touchpad, multi-touch

### Security

- Security chip vPro (optional)

### Fingerprint reader

- Touch style fingerprint reader on the keyboard bezel

### NFC

- None

### Battery type

- Li-Polymer 4-cell (52Wh) or 4-cell (56Wh, OLED models only)

### Battery life

- Up to 11.0 hr

### AC adapter

- 45W or 65W AC adapter

### Light sensor

- Ambient Light Sensor

### G-sensor

- 3D accelerometer and 3D magnetometer

### Compass

- 3D compass

### Gyroscope

- 3D gyrometer

### Preload

- Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

### Limited warranty

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

### Mil-Spec test

- MIL-STD-810G military certification

### Environment

- EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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**Product Specifications Reference (PSREF)**