### ThinkPad X380 Yoga 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>i5-8250U</td>
<td>4</td>
<td>8</td>
<td>1.6 GHz</td>
<td>3.4 GHz</td>
<td>6MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>i5-8350U</td>
<td>4</td>
<td>8</td>
<td>1.7 GHz</td>
<td>3.6 GHz</td>
<td>6MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>i7-8550U</td>
<td>4</td>
<td>8</td>
<td>1.8 GHz</td>
<td>4.0 GHz</td>
<td>8MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>i7-8650U</td>
<td>4</td>
<td>8</td>
<td>1.9 GHz</td>
<td>4.2 GHz</td>
<td>8MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics 620</td>
</tr>
</tbody>
</table>

#### Graphics

- Intel UHD Graphics 620 in processor only; supports external digital 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
- 8GB or 16GB / 2400MHz DDR4 / soldered to systemboard, no sockets
- * System clocks down for processors with lower memory controller

#### Display

- 13.3" (337.8mm) FHD (1920x1080), glossy, LED backlight, IPS 300 nits, 16:9 aspect ratio, 170° viewing angle

#### Multi-touch

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

#### Hinge

- Yoga hinge, 360 degree

#### Convert-mode Pen

- Laptop, tent, stand, yoga and tablet

#### Storage

- **Some:** M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
- **Some:** M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)
- None

#### Optical

- Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Cable

#### WLAN

- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card
- * Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

#### Bluetooth

- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7682 (Fibocom L890-EB), M.2 card (EMEA only)

#### WWAN (optional)

- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7682 (Fibocom L890-EB), M.2 card (EMEA only)

#### SIM card (optional)

- Nano-SIM card slot

#### Battery

- Li-Ion 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter
- Max battery life AC adapter
  - 45W or 65W slim tip AC adapter
  - 45W or 65W USB Type-C AC adapter

#### Light sensor

- Ambient Light Sensor

#### Gyroscope

- 3D accelerometer and 3D magnetometer

#### Preload

- Some: Windows 10 Home 64
- Some: Windows 10 Pro 64

#### Limited warranty

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

#### MIL-Spec test

- MIL-STD-810G military certification

#### Environment

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

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**Dimensions**

| WxDxH | 12.34" x 8.75" x 0.72"; 313.5mm x 222.2mm x 18.2mm |

**Weight**

| Starting at 3.17 lb (1.43kg) |

**Case color**

| Black or silver |

**Case Material**

| Carbon-Fiber Hybrid |

**Smart card reader**

| Optional: Smart card reader (mutually exclusive with NFC) |

**Media reader**

| One microSD card slot (microSD, microSDHC, microSDXC), UHS-I, two USB 3.1 Gen 1 (one Always On), Ethernet extension connector, one USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, microSD card reader, nano-SIM card slot (WWAN models), headphone / microphone combo jack |

**W/Gig dock**

| None |

**Monitor cable (optional)**

| USB-C to VGA: Lenovo USB-C to VGA Plus Power Adapter, USB-C to DP: Lenovo USB-C to DisplayPort Adapter, HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter |

**Camera**

| One of the following, configurable by model:
  - 720p: HD720p camera, fixed focus
  - IR & 720p: IR camera and HD720p camera, fixed focus |

**Audio support**

| HD Audio, Conexant® CX11771 codec / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack |

**Keyboard**

| 6-row, spill-resistant, multimedia Fn keys, LED backlight, TrackPoint® pointing device and 3+2 buttons Mylar surface multi-touch click pad |

**Security chip**

| Intel vPro Technology, Power-on password, hard disk password, supervisor password, security keyhole, Discrete TPM 2.0 TCG Certified |

**Fingerprint reader**

| Touch style match on chip fingerprint reader on the palm rest, Near Field Communication (mutually exclusive with smart card reader) |

**Security**

| Power-on password, hard disk password, supervisor password, security keyhole, Discrete TPM 2.0 TCG Certified, Intel vPro Technology, Touch style match on chip fingerprint reader on the palm rest, Near Field Communication (mutually exclusive with smart card reader) |

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**Lenovo**

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