PERFORMANCE

Processor

Processor Family
AMD Ryzen™ 3 / 5 / 7 Processor

<table>
<thead>
<tr>
<th>Processor Name</th>
<th>Cores</th>
<th>Threads</th>
<th>Base Frequency</th>
<th>Max Frequency</th>
<th>Cache</th>
<th>Memory Support</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMD Ryzen 3 PRO 3300U</td>
<td>4</td>
<td>4</td>
<td>2.1GHz</td>
<td>3.5GHz</td>
<td>2MB L2 / 4MB L3</td>
<td>DDR4-2400</td>
<td>AMD Radeon™ Vega 6 Graphics</td>
</tr>
<tr>
<td>AMD Ryzen 5 PRO 3500U</td>
<td>4</td>
<td>8</td>
<td>2.1GHz</td>
<td>3.7GHz</td>
<td>2MB L2 / 4MB L3</td>
<td>DDR4-2400</td>
<td>AMD Radeon Vega 8 Graphics</td>
</tr>
<tr>
<td>AMD Ryzen 7 PRO 3700U</td>
<td>4</td>
<td>8</td>
<td>2.3GHz</td>
<td>4.0GHz</td>
<td>2MB L2 / 4MB L3</td>
<td>DDR4-2400</td>
<td>AMD Radeon Vega 10 Graphics</td>
</tr>
</tbody>
</table>

Operating System

Operating System
- Windows® 10 Pro 64
- Windows 10 Home 64
- Windows 10 Home 64 Single Language
- Linux
- Ubuntu Linux
- No operating system

Notes:
1. Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

Graphics

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMD Radeon Vega 6 Graphics</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX® 12</td>
</tr>
<tr>
<td>AMD Radeon Vega 8 Graphics</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX 12</td>
</tr>
<tr>
<td>AMD Radeon Vega 10 Graphics</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX 12</td>
</tr>
</tbody>
</table>

Monitor Support

Monitor Support
Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C®)
- HDMI supports up to 4096x2160@24Hz
- USB-C supports up to 4096x2160@60Hz

Chipset

Chipset
AMD SoC (System on Chip) platform

Memory

Max Memory
- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

Memory Slots
Memory soldered to systemboard, no slots

Memory Type
DDR4-2400

Notes:
The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

2. Installed memory is actually 2666MHz but run at 2400MHz due to processor limitation.

### Storage

#### Storage Support

One drive, up to 128GB M.2 2242 SSD or 1TB M.2 2280 SSD, optional Intel Optane™ Memory integrated with SSD, M.2

<table>
<thead>
<tr>
<th>Storage Type</th>
<th>Disk Type</th>
<th>Interface</th>
<th>RPM</th>
<th>Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.2 2242 SSD</td>
<td>PCIe® NVMe®, PCIe 3.0 x2</td>
<td>-</td>
<td>-</td>
<td>Opal2</td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe, PCIe 3.0 x4</td>
<td>-</td>
<td>Opal2</td>
<td></td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>SATA 6Gb/s</td>
<td>-</td>
<td>Opal2</td>
<td></td>
</tr>
</tbody>
</table>

Notes:
1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

### Removable Storage

#### Optical

None

#### Card Reader

- microSD card slot (WLAN models)
- Nano-SIM + microSD card slot (WWAN models)

### Multi-Media

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

#### Speakers

Stereo speakers, 1W x2, Dolby® Audio™ Premium

#### Microphone

- Dual-microphone array, far-field
- No microphone

#### Camera

- HD 720p, with ThinkShutter, fixed focus
- IR & HD 720p hybrid, with ThinkShutter, fixed focus
- No camera

### Battery

#### Battery

Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

<table>
<thead>
<tr>
<th>Max Battery Life</th>
<th>MobileMark® 2014: 14.5 hr</th>
</tr>
</thead>
</table>

Notes:
1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

### Power Adapter

#### Power Adapter

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

Notes:
1. AC adapter offerings depend on the country.
## DESIGN

### Display

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Touch</th>
<th>Type</th>
<th>Brightness</th>
<th>Surface</th>
<th>Aspect Ratio</th>
<th>Contrast Ratio</th>
<th>Color Gamut</th>
<th>Viewing Angle (L/R/U/D)</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.3&quot;</td>
<td>HD (1366x768)</td>
<td>None</td>
<td>TN</td>
<td>250 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>300:1</td>
<td>45% NTSC</td>
<td>45°/45°/-/-/-</td>
<td></td>
</tr>
<tr>
<td>13.3&quot;</td>
<td>FHD (1920x1080)</td>
<td>None</td>
<td>IPS</td>
<td>300 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>800:1</td>
<td>72% NTSC</td>
<td>85°/85°/-/-/-</td>
<td></td>
</tr>
<tr>
<td>13.3&quot;</td>
<td>FHD (1920x1080)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>300 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>700:1</td>
<td>72% NTSC</td>
<td>85°/85°/-/-/-</td>
<td></td>
</tr>
<tr>
<td>13.3&quot;</td>
<td>FHD (1920x1080)</td>
<td>None</td>
<td>IPS</td>
<td>400 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>1000:1</td>
<td>72% NTSC</td>
<td>89°/89°/-/-/-</td>
<td>ThinkPad® Privacy Guard</td>
</tr>
</tbody>
</table>

### Touchscreen
- On-cell touch, supports 10-point touch
- Non-touch

### Mechanical

#### Dimensions (WxDxH)\(^2\)
311.9 x 217.2 x 16.9 mm (12.28 x 8.55 x 0.67 inches)

#### Weight\(^2\)

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHD non-touch models</td>
<td>1.28 kg (2.82 lbs)</td>
</tr>
<tr>
<td>FHD Privacy Guard models</td>
<td>1.37 kg (3.01 lbs)</td>
</tr>
<tr>
<td>HD / FHD touch models</td>
<td>1.32 kg (2.91 lbs)</td>
</tr>
</tbody>
</table>

#### Case Color
- Black

#### Case Material
- PPS / GF (top), magnesium-aluminium (bottom)

### Notes:
1. The system dimensions may vary depending on configurations.
2. The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

## CONNECTIVITY

### Network

#### Ethernet
Gigabit Ethernet, Realtek RTL8111EPV, RJ45 via optional ThinkPad Ethernet Extension Adapter Gen 2

**WLAN + Bluetooth**

Intel Wireless-AC 9260, 802.11ac Dual Band 2x2 Wi-Fi® + Bluetooth 5.1, M.2 card

**WWAN**

- Wireless WAN upgradable to 4G
- Fibocom L850-GL, 4G LTE CAT9, M.2 card
- No support

**SIM Card**

No SIM card inbox

**NFC**

No support

---

Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.
2. BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version).
3. For non-WWAN model, it means the model is NOT WWAN upgradable.

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**Ports**

**Standard Ports**

- 1x USB 3.1 Gen 1 (Always On)
- 1x USB 3.1 Gen 2
- 2x USB-C 3.1 Gen 2 (support data transfer, Power Delivery and DisplayPort™ 1.4)
- 1x HDMI 2.0
- 1x Ethernet extension connector
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Side docking connector

**Optional Ports**

- 1x Smart card reader
- 1x microSD card slot (WLAN models)
- 1x Nano-SIM + microSD card slot (WWAN model)

Notes:

1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.
   - USB 2.0: 480 Mbit/s;
   - USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
   - USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
   - USB4® 20Gbps (USB 40Gbps): 40 Gbit/s;
   - Thunderbolt™ 3/4: 40 Gbit/s

**Monitor Cable**

**Monitor Cable**

- Lenovo HDMI to VGA Monitor Adapter
- Lenovo USB-C to VGA Adapter
- Lenovo USB-C to DisplayPort Adapter
- No monitor cable

---

**SECURITY & PRIVACY**

**Security**

**Security Chip**

Discrete TPM 2.0, TCG certified

**Physical Locks**

Kensington® Security Slot™

**Smart Card Reader**

- Smart card reader
- No smart card reader

**Fingerprint Reader**

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ThinkPad X395 - April 13 2023
• Touch style fingerprint reader on palm rest, match-on-chip
• No fingerprint reader

BIOS Security
• Power-on password
• Supervisor password
• Hard disk password
• Self-healing BIOS

Other Security
• (Optional) ThinkShutter camera cover
• (Optional) IR camera for Windows Hello
• (Optional) Privacy Guard with Privacy Alert

MANAGEABILITY

System Management

SERVICE

Warranty

Base Warranty
• 1-year depot service
• 3-year (1-yr battery) depot service
• 3-year (1-yr battery) limited onsite service
• No base warranty

Notes:
1. The warranty upgrades may be bundled with some models, please check the “Included upgrade” column in the specific model's configurations. For more service extensions, please go to https://smartfind.lenovo.com/. To learn more details of warranty policy, please access https://pcsupport.lenovo.com/warranty.

ACCESSORIES

Bundled Accessories

Bundled Accessories
• ThinkPad Ethernet Extension Adapter Gen 2
• None

CERTIFICATIONS

Green Certifications

Green Certifications
• EPEAT™ Gold
• ENERGY STAR® 8.0
• TCO Certified
• RoHS compliant

Notes:
1. The items listed under the “Green Certifications” section may not only refer to certification but also registration or self-declaration.

Other Certifications

Mil-Spec Test
MIL-STD-810G military test passed
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