PERFORMANCE

Processor

**Processor Family**
AMD Ryzen™ 3 / 5 / 7 Processor

**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 Home 64
- Windows 10 Pro 64
- Linux
- Ubuntu Linux
- No operating system

Graphics

**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 4 independent displays via native display and 3 external monitors; supports external monitors via HDMI® (up to 4096x2160@60Hz) or USB-C (up to 4096x2304@60Hz)

Chipset

**Chipset**
AMD SoC (System on Chip) platform

Memory

**Memory Type**
- DDR4-2400

**Memory Slots**
One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

**Max Memory**
- Up to 32GB (16GB soldered + 16GB SO-DIMM) DDR4-2400
- Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-2400

Notes:
1. Installed memory is actually 2666MHz but run at 2400MHz due to processor limitation
2. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

Storage
**Storage Support**

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

### Storage Type

<table>
<thead>
<tr>
<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>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>SATA 6Gb/s</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>
</tr>
</tbody>
</table>

**Removable Storage**

**Optical**  
None

**Card Reader**  
MicroSD card reader

**Multi-Media**

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**  
Stereo speakers, 2W x2, Dolby® Audio™ Premium

**Microphone**

- Dual array microphone, far-field  
- No microphone

**Camera**

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

Notes:

1. Microphone not configured is for special bid only

**Battery**

**Battery**

Integrated Li-Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

**Max Battery Life**

MobileMark® 2014: 13.4 hr

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, and/or JEITA 2.0 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

**DESIGN**

**Display**

**Display**
ThinkPad T495

<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</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.0&quot;</td>
<td>HD (1366x768)</td>
<td>None</td>
<td>TN</td>
<td>220 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>400:1</td>
<td>45% NTSC</td>
<td>90°</td>
<td>-</td>
</tr>
<tr>
<td>14.0&quot;</td>
<td>FHD (1920x1080)</td>
<td>None</td>
<td>IPS</td>
<td>250 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>700:1</td>
<td>45% NTSC</td>
<td>170°</td>
<td>-</td>
</tr>
<tr>
<td>14.0&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>45% NTSC</td>
<td>170°</td>
<td>-</td>
</tr>
<tr>
<td>14.0&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>800:1</td>
<td>72% NTSC</td>
<td>170°</td>
<td>Low power</td>
</tr>
</tbody>
</table>

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

Notes:
1. California Electronic Waste Recycling Fee
   In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product.
   For more information, go to https://www.calrecycle.ca.gov/Electronics/Consumer

Input Device

Keyboard
6-row, spill-resistant, multimedia Fn keys

Keyboard Backlight
- LED backlight
- Not support

UltraNav™
TrackPoint® pointing device and Mylar® surface multi-touch touchpad

Mechanical

Dimensions (WxDxH)
329 x 227 x 17.9 mm (12.95 x 8.94 x 0.70 inches)

Weight

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHD Low Power models</td>
<td>1.54 kg (3.39 lbs)</td>
</tr>
<tr>
<td>HD / FHD touch / FHD non-touch models</td>
<td>1.57 kg (3.46 lbs)</td>
</tr>
</tbody>
</table>

Case Color
Black

Case Material
PPS / 50% GF (top), PA / 50% GF (bottom)

CONNECTIVITY

Network

Onboard Ethernet
Gigabit Ethernet, Realtek RTL8111EPV

WLAN + Bluetooth™
- Realtek RTL8822BE, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 4.2, M.2 card
- Intel Wireless-AC 9260, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.1, M.2 card

WWAN
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card
- Not Support

SIM Card
ThinkPad T495

- Gemalto eSIM
- Nano-SIM Card, Verizon LTE (US)
- No SIM card

**NFC**
Not support

Notes:
1. BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)
2. For non-WWAN model, it means the model is NOT WWAN upgradable

**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 microSD card reader
- 1x Ethernet (RJ-45)
- 1x headphone / microphone combo jack (3.5mm)
- 1x side docking connector

**Optional Ports**
- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN models)

Notes:
1. Depending on many factors, actual data transfer speed may be lower than theoretical speed

**Monitor Cable**

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

**SECURITY & PRIVACY**

**Security**

**Security Chip**
- Discrete TPM 2.0, TCG certified
- Firmware TPM 2.0 integrated in chipset
- Disabled (in some regions)

**Physical Locks**
- Kensington® Security Slot

**Smart Card Reader**
- Smart card reader
- No smart card reader

**Fingerprint Reader**
- 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
MANAGEABILITY

System Management

DASH

SERVICE

Warranty

Base Warranty
- 1-year depot service
- 1-year limited onsite service
- 1-year depot with 2-year system board service
- 1-year + 2-year depot service
- 1-year + 2-year limited onsite service
- 3-year (1-yr battery) depot service
- 3-year (1-yr battery) limited onsite service
- No base warranty

CERTIFICATIONS

Green Certifications

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

Other Certifications

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