### OVERVIEW

<table>
<thead>
<tr>
<th>Number</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HDMI-in / out switch</td>
</tr>
<tr>
<td>2</td>
<td>HDMI-in</td>
</tr>
<tr>
<td>3</td>
<td>Ethernet (RJ-45)</td>
</tr>
<tr>
<td>4</td>
<td>HDMI 1.4 out</td>
</tr>
<tr>
<td>5</td>
<td>2x USB 2.0</td>
</tr>
<tr>
<td>6</td>
<td>USB-C 3.1 Gen 1</td>
</tr>
<tr>
<td>7</td>
<td>Power connector</td>
</tr>
<tr>
<td>8</td>
<td>Card reader</td>
</tr>
<tr>
<td>9</td>
<td>2x USB 3.1 Gen 2</td>
</tr>
<tr>
<td>10</td>
<td>Headphone / microphone combo jack (3.5mm)</td>
</tr>
</tbody>
</table>
PERFORMANCE

Processor

Processor Family
9th Generation Intel® Core™ i3 / i5 / i7 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>Core i3-9100T</td>
<td>4</td>
<td>4</td>
<td>3.1GHz</td>
<td>3.7GHz</td>
<td>6MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics 630</td>
</tr>
<tr>
<td>Core i5-9400T</td>
<td>6</td>
<td>6</td>
<td>1.8GHz</td>
<td>3.4GHz</td>
<td>9MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 630</td>
</tr>
<tr>
<td>Core i7-9700T</td>
<td>8</td>
<td>8</td>
<td>2.0GHz</td>
<td>4.3GHz</td>
<td>12MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 630</td>
</tr>
</tbody>
</table>

Operating System

Operating System

- Windows® 10 Pro 64
- Windows 10 Home 64

Graphics

Graphics**

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Connector</th>
<th>Max Resolution</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel UHD Graphics 630</td>
<td>Integrated</td>
<td>Shared</td>
<td>1x HDMI® 1.4</td>
<td>1920x1080@60Hz(HDMI)</td>
<td>DirectX® 12</td>
</tr>
<tr>
<td>AMD Radeon™ RX 560X</td>
<td>Discrete</td>
<td>4GB GDDR5</td>
<td>1x HDMI 1.4</td>
<td>4096x2160@60Hz(HDMI)</td>
<td>DirectX 12</td>
</tr>
</tbody>
</table>

Notes:
1. The information of integrated graphics are not applicable for the models without integrated graphics (for the details, please refer to processor section)

Monitor Support

Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI; work as standalone monitor via optional HDMI (HDMI in)

Chipset

Chipset

Intel B360 chipset

Memory

Max Memory**(1)

Up to 16GB DDR4-2666

Memory Slots

Two DDR4 SO-DIMM slots

Memory Type**(2)

DDR4-2666

Memory Protection

Non-ECC

Notes:
1. 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 may run at 2400MHz or 2666MHz depending on the memory support capability of processor

Storage

Storage Support**(3)
Up to two drives, 1x 2.5" HDD + 1x M.2 SSD
• 2.5" HDD up to 2TB
• M.2 SSD up to 1TB
• Optional Intel Optane™ Memory, 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></td>
<td>2.5&quot; SATA HDD</td>
<td>SATA 6Gb/s</td>
<td>5.4K</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.2 2242 SSD</td>
<td>PCIe NVMe*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Intel Optane Memory</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**RAID**
No support

**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**
  - USB external DVD burner (DVD±RW), slim (9.0mm)
  - None
- **Card Reader**
  3-in-1 card reader (SD, SDHC, SDXC)

**Multi-Media**

- **Audio Chip**
  High Definition (HD) Audio
- **Speakers**
  Stereo speakers, 3W x2 + 5W
- **Microphone**
  Dual array microphone
- **Camera****
  - 1080p, fixed focus
  - IR & 1080p, fixed focus

**Power Supply**

<table>
<thead>
<tr>
<th>Power Supply**</th>
<th>Power</th>
<th>Type</th>
<th>Efficiency</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120W</td>
<td>Adapter</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>150W</td>
<td>Adapter</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>170W</td>
<td>Adapter</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**DESIGN**

**Display**

<table>
<thead>
<tr>
<th>Display**[1]</th>
<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></td>
<td>27&quot;</td>
<td>QHD (2560x1440)</td>
<td>None</td>
<td>IPS</td>
<td>250 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>1000:1</td>
<td>-</td>
<td>horizontal: +/- 89°, vertical: +/- 89°</td>
<td>Borderless</td>
</tr>
<tr>
<td></td>
<td>27&quot;</td>
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</tr>
</tbody>
</table>
Touchscreen
• Advanced In-cell Touch (AIT), 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.carecycle.ca.gov/Electronics/Consumer

Input Device
Keyboard**
• Lenovo Premium Wireless Keyboard, grey
• Lenovo Calliope Keyboard (USB connector), grey
• Lenovo Calliope Wireless Keyboard, grey

Mouse**
• Lenovo Calliope Mouse (USB connector), grey
• Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), grey
• Lenovo Premium Wireless Mouse, grey

Mechanical
Buttons
• Power button
• HDMI in/out switcher

Form Factor
AIO (27 inches)

Dimensions (WxDxH)

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch models</td>
<td>614.8 x 200 x 481.81 mm (24.2 x 7.87 x 18.97 inches)</td>
</tr>
<tr>
<td>Non-touch models</td>
<td>614.8 x 200 x 476.03 mm (24.2 x 7.87 x 18.74 inches)</td>
</tr>
</tbody>
</table>

Weight

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-touch models</td>
<td>9.27 kg (20.43 lbs)</td>
</tr>
<tr>
<td>Touch models</td>
<td>10.88 kg (23.99 lbs)</td>
</tr>
</tbody>
</table>

Case Color
Mineral grey

Bays
1x 2.5" disk bay

Expansion Slots
Two M.2 slots (one for WLAN, one for SSD)

Stand
Monitor stand, supports -5° to +25° tilt

Others
(Optional) Wireless charger 15W

CONNECTIVITY

Network
Onboard Ethernet
Gigabit Ethernet, 1x RJ-45
WLAN + Bluetooth®
802.11ac 1x1 Wi-Fi® + Bluetooth 4.0, M.2 card

**Ports**

**Rear Ports**
- 2x USB 2.0
- 1x USB-C 3.1 Gen 1
- 1x HDMI-out 1.4
- 1x HDMI-in
- 1x Ethernet (RJ-45)

**Bottom Ports**
1x power connector

**Left Ports**
- 2x USB 3.1 Gen 2
- 1x card reader
- 1x headphone / microphone combo jack (3.5mm)

**Right Ports**
None

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
   - USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s
   - Thunderbolt™ 3/4: 40 Gbit/s
   - FireWire 400: 400 Mbit/s
   - FireWire 800: 800 Mbit/s
2. For video ports on discrete graphics, please see graphics section

**SECURITY & PRIVACY**

**Security**

**BIOS Security**
- Administrator password
- Power-on password

**SERVICE**

**Warranty**

**Base Warranty**
- 1-year mail-in service
- 1-year depot service
- 2-year depot service

Notes:
1. More information of warranty policy, please access https://pcsupport.lenovo.com/warranty

**ENVIRONMENTAL**

**Operating Environment**

**Temperature**
- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: -20°C (-4°F) to 60°C (140°F)

**Humidity**
- Operating: 20% to 80%
- Storage: 10% to 90%
Altitude
- Operating: 0 m (0 ft) to 3048 m (10,000 ft)
- Storage: 0 m (0 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications

- ErP Lot 3, Lot 6 and Lot 7
- GREENGUARD®
- RoHS compliant

- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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