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 Home 64
- Windows 10 Pro 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. Integrated graphics information and onboard video ports information are not applicable for all 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

**Memory Type**

- DDR4-2666

**Memory Slots**

- Two DDR4 SO-DIMM slots

**Memory Protection**

Non-ECC

**Max Memory**

- Up to 16GB DDR4-2666

Notes:
1. Installed memory is actually 2666MHz, but may run at 2400MHz or 2666MHz depending on the memory support capability of processor
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**

- Up to 2 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

RAID
Not support

Storage Type

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
<th>RPM</th>
<th>Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5&quot; SATA HDD</td>
<td>SATA 6Gb/s</td>
<td>5.4K</td>
<td>-</td>
</tr>
<tr>
<td>M.2 2242 SSD</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Intel Optane Memory</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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

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</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>27&quot;</td>
<td>QHD (2560x1440)</td>
<td>Multi-touch</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>
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<tr>
<td>27&quot;</td>
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<td>-</td>
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<td>borderless</td>
</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.cairecycle.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 Wireless Mouse (2.4GHz via USB receiver), grey
- Lenovo Calliope Mouse (USB connector), 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>Non-touch models</td>
<td>614.8 x 200 x 476.03 mm (24.2 x 7.87 x 18.74 inches)</td>
</tr>
<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>
</tbody>
</table>

Weight

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch models</td>
<td>10.88 kg (23.99 lbs)</td>
</tr>
<tr>
<td>Non-touch models</td>
<td>9.27 kg (20.43 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
- Wireless charger
- None

CONNECTIVITY

Network
Onboard Ethernet
Gigabit Ethernet, 1x RJ45

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 Ethernet (RJ-45)
• 1x HDMI 1.4 out
• 1x HDMI-in

**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

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**Notes:**
1. For video ports on discrete graphics, please see graphics section

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**SECURITY & PRIVACY**

**Security**

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

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**SERVICE**

**Warranty**

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

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**CERTIFICATIONS**

**Green Certifications**

**Green Certifications**
• ErP Lot 3 Lot 6 Lot 7
• GREENGUARD®
• RoHS compliant