OVERVIEW

1. HDMI-in / out switch  
2. HDMI-in  
3. Ethernet (RJ-45)  
4. HDMI 1.4 out  
5. 2x USB 2.0  
6. USB-C 3.1 Gen 1  
7. Power connector  
8. Card reader  
9. 2x USB 3.1 Gen 2  
10. Headphone / microphone combo jack (3.5mm)
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

<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
Up to 16GB DDR4-2666

Memory Slots
Two DDR4 SO-DIMM slots

Memory Type
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
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

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>

RAID
No support

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

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

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>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.calrecycle.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>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
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: 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

ENVIRONMENTAL

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

Humidity
- Operating: 20% to 80%
- Storage: 10% to 90%

Altitude
- Operating: -15.2 m (-50 ft) to 3048 m (10,000 ft)
- Storage: -15.2 m (-50 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications
Green Certifications

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