## OVERVIEW

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1.</td>
<td>Optical drive *</td>
</tr>
<tr>
<td>2.</td>
<td>Power button</td>
</tr>
<tr>
<td>3.</td>
<td>Power connector</td>
</tr>
<tr>
<td>4.</td>
<td>Ethernet (RJ-45)</td>
</tr>
<tr>
<td>5.</td>
<td>HDMI 1.4 out</td>
</tr>
<tr>
<td>6.</td>
<td>USB 2.0</td>
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<td>7.</td>
<td>USB 2.0</td>
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<tr>
<td>8.</td>
<td>USB 3.1 Gen 1</td>
</tr>
<tr>
<td>9.</td>
<td>USB 3.1 Gen 1</td>
</tr>
<tr>
<td>10.</td>
<td>Card reader</td>
</tr>
<tr>
<td>11.</td>
<td>Headphone / microphone combo jack (3.5mm)</td>
</tr>
</tbody>
</table>

**Notes:**
- Ports with * are only available on selected models
PERFORMANCE

Processor

Processor Family
10th Generation Intel® Core™ i3 / i5 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 i3-1005G1</td>
<td>2</td>
<td>4</td>
<td>1.2GHz</td>
<td>3.4GHz</td>
<td>4MB</td>
<td>DDR4-3200</td>
<td>Intel UHD Graphics</td>
</tr>
<tr>
<td>Core i5-1035G4</td>
<td>4</td>
<td>8</td>
<td>1.1GHz</td>
<td>3.7GHz</td>
<td>6MB</td>
<td>DDR4-3200</td>
<td>Intel Iris® Plus Graphics</td>
</tr>
</tbody>
</table>

Operating System

Operating System**
- Windows® 10 Pro 64
- Windows 10 Home 64
- No operating system

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</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>Intel Iris Plus Graphics</td>
<td>Integrated</td>
<td>Shared</td>
<td>1x HDMI 1.4</td>
<td>1920x1080@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

Chipset

Chipset
Intel SoC (System on Chip) platform

Memory

Max Memory**(1)
Up to 16GB DDR4-3200

Memory Slots
Two DDR4 SO-DIMM slots, dual-channel capable

Memory Type
DDR4-3200

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.

Storage

Storage Support
Up to two drives, 1x 2.5” HDD + 1x M.2 SSD
- 2.5” HDD up to 1TB
- M.2 SSD up to 512GB
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” 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>
</tbody>
</table>

RAID
No support

Removable Storage
Optical
DVD burner (DVD±RW), SATA 1.5Gb/s, slim (9.0mm)

Card Reader
3-in-1 card reader (SD, SDHC, SDXC)

Multi-Media
Audio Chip
High Definition (HD) Audio

Speakers
Stereo speakers, 3W x2

Microphone
Single microphone

Camera
720p, 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>65W</td>
<td>Adapter</td>
<td>88%</td>
<td>100V - 240V</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>21.5”</td>
<td>FHD (1920x1080)</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 design, anti-glare</td>
</tr>
<tr>
<td>21.5”</td>
<td>FHD (1920x1080)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>250 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
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<td>-</td>
<td>horizontal: +/-89°, vertical: +/-89°</td>
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</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 Calliope Keyboard (USB connector), black
• Lenovo Calliope Keyboard (USB connector), white
• Lenovo Calliope Wireless Keyboard, black
• Lenovo Calliope Wireless Keyboard, silver
• Lenovo Calliope Wireless Keyboard, white

Mouse
• Lenovo Calliope Mouse (USB connector), black
• Lenovo Calliope Mouse (USB connector), white
• Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
• Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), silver
• Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), white

Mechanical
Buttons
• Power button
• Optical drive eject button (ODD models only)
• Camera cover slider

Form Factor
AIO (21.5 inches)

Dimensions (WxDxH)
490.5 x 185 x 417.68 mm (19.31 x 7.28 x 16.44 inches)

Weight

<table>
<thead>
<tr>
<th>Models with stand</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7 kg (15.43 lbs)</td>
</tr>
</tbody>
</table>

Case Color
• Business black
• Foggy white

Bays
• 1x 2.5" disk bay
• 1x slim ODD bay

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

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

CONNECTIVITY

Network
Onboard Ethernet
Gigabit Ethernet, 1x RJ-45

WLAN + Bluetooth®
Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 card

Ports
Rear Ports
• 2x USB 2.0
• 1x USB 3.1 Gen 1
• 1x HDMI-out 1.4
• 1x Ethernet (RJ-45)
• 1x power connector

Left Ports
• 1x USB 3.1 Gen 1
• 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
- 1-year limited onsite 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**

- ENERGY STAR® 8.0
- ErP Lot 3 and Lot 7
- 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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