OVERVIEW

1. Optical drive *  
2. Power button  
3. Power connector  
4. Ethernet (RJ-45)  
5. HDMI 1.4 out  
6. USB 2.0

7. USB 2.0  
8. USB 3.1 Gen 1  
9. USB 3.1 Gen 1  
10. Card reader  
11. Headphone / microphone combo jack (3.5mm)

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

Processor

Processor Family
10th Generation Intel® Core™ i3 / i5 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>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

Graphics**(1)

<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**(1)
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>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5” SATA HDD</td>
<td>SATA 6Gb/s</td>
<td>5.4K</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>M.2 2242 SSD</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe</td>
<td>-</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
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
HD 720p, 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>65W</td>
<td>Adapter</td>
<td>88%</td>
<td>100V - 240V</td>
</tr>
</tbody>
</table>

## DESIGN

### Display

#### Display

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Touch 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>Multi-touch</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>None</td>
<td>250 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>1000:1</td>
<td>72% NTSC</td>
<td>horizontal: +/-89°, vertical: +/-89°</td>
<td>Borderless design, anti-glare</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.

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For more information, go to https://www.calrecycle.ca.gov/Electronics/Consumer

**Input Device**

**Keyboard**
- EOS Wireless Keyboard, black
- EOS Wireless Keyboard, white
- 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</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Models with stand</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**

**Ethernet**

Gigabit Ethernet, 1x RJ-45

**WLAN + Bluetooth®**

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

**Notes:**
1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

**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
2. For video ports on discrete graphics, please see graphics section

SECURITY & PRIVACY

Security
B IOS Security
- Administrator password
- Power-on password

SERVICE

Warranty
Base Warranty**[1]
- 1-year mail-in service
- 1-year depot service
- 1-year limited onsite service
- 2-year depot service

Notes:

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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