PERFORMANCE

Processor

Processor Family
10th 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 i3-1005G1</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>
<tr>
<td>Core i7-1065G7</td>
<td>4</td>
<td>8</td>
<td>1.3GHz</td>
<td>3.9GHz</td>
<td>8MB</td>
<td>DDR4-3200</td>
<td>Intel Iris Plus Graphics</td>
</tr>
</tbody>
</table>

Operating System
- 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 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>
<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>
</tbody>
</table>

Notes:
- 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
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 out)

Chipset
Intel SoC (System on Chip) platform

Memory

Memory Type
DDR4-3200

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

Memory Protection
Non-ECC

Max Memory
Up to 16GB DDR4-3200

Notes:
- 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
- 3.5" HDD up to 1TB
- M.2 SSD up to 512GB

RAID
Not support

Storage Type
### Disk 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>
</tbody>
</table>

### Removable Storage

#### Optical
- DVD burner (DVD±RW), SATA 1.5Gb/s, 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

#### 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>23.8&quot;</td>
<td>FHD (1920x1080)</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 design, antiglare</td>
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### Notes:
- 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

#### Touchscreen
- Advanced In-cell Touch (AIT), supports 10-point touch
- Non-touch

#### 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 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
- Lenovo Calliope Mouse (USB connector), black
- Lenovo Calliope Mouse (USB connector), white

Mechanical

Buttons
- Power button
- Optical drive eject button (for the models with ODD)
- Camera cover slider

Form Factor
- AIO (23.8 inches)

Dimensions (WxDxH)
541.04 x 185 x 446.16 mm (21.3 x 7.28 x 17.56 inches)

Weight
- 7.4 kg (16.31 lbs)

Case Color
- Business black
- Foggy White

Bays
- 1x slim ODD bay
- 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
- AIO stand

CONNECTIVITY

Network

Onboard Ethernet
- Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth™
- 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 Ethernet (RJ-45)
- 1x HDMI 1.4 out
- 1x power connector

Notes:
- For video ports on discrete graphics, please see graphics section

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

Right Ports
- None
SECURITY & PRIVACY

Security
BIOS Security
• Power-on password
• Administrator password

SERVICE

Warranty
Base Warranty
• 1-year mail-in service
• 1-year depot service
• 1-year limited onsite service
• 2-year depot service

CERTIFICATIONS

Green Certifications
• ENERGY STAR® 8.0
• ErP Lot 3 and Lot 7
• RoHS compliant