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
<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 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>250 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>1000:1</td>
<td>-</td>
<td>horizontal: +/-89°, vertical: +/-89°</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