### OVERVIEW

<table>
<thead>
<tr>
<th>Port Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optical drive</td>
<td>1</td>
</tr>
<tr>
<td>Power button</td>
<td>2</td>
</tr>
<tr>
<td>Power connector</td>
<td>3</td>
</tr>
<tr>
<td>Ethernet (RJ-45)</td>
<td>4</td>
</tr>
<tr>
<td>HDMI 1.4 out</td>
<td>5</td>
</tr>
<tr>
<td>USB 2.0</td>
<td>6, 10</td>
</tr>
<tr>
<td>USB 3.2 Gen 1</td>
<td>8, 9</td>
</tr>
<tr>
<td>Card reader</td>
<td>10</td>
</tr>
<tr>
<td>Headphone / microphone combo jack (3.5mm)</td>
<td>11</td>
</tr>
</tbody>
</table>

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

Processor

Processor Family
Intel® Celeron®, Intel Pentium®, or 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>Celeron G5900T</td>
<td>2</td>
<td>2</td>
<td>3.2GHz</td>
<td>-</td>
<td>2MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 610</td>
</tr>
<tr>
<td>Pentium Gold G6400T</td>
<td>2</td>
<td>4</td>
<td>3.4GHz</td>
<td>-</td>
<td>4MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 610</td>
</tr>
<tr>
<td>Core i3-10100T</td>
<td>4</td>
<td>8</td>
<td>3.0GHz</td>
<td>3.8GHz</td>
<td>6MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 630</td>
</tr>
<tr>
<td>Core i5-10400T</td>
<td>6</td>
<td>12</td>
<td>2.0GHz</td>
<td>3.6GHz</td>
<td>12MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 630</td>
</tr>
</tbody>
</table>

Operating System

Operating System**
- Windows® 10 Pro 64
- Windows 10 Home 64
- Windows 10 Home in S mode
- 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 610</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 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™ 625</td>
<td>Discrete</td>
<td>2GB GDDR5</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 B460 chipset

Memory

Max Memory(1)
Up to 16GB DDR4-2666

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

Memory Type
DDR4-2666

Memory Protection
Non-ECC

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 two drives, 1x 2.5" HDD + 1x M.2 SSD
- 2.5" HDD up to 1TB
- M.2 SSD up to 512GB
- Optional Intel Optane™ Memory, M.2

**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**
- 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**

**Power Supply****

<table>
<thead>
<tr>
<th>Power</th>
<th>Type</th>
<th>Efficiency</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>90W</td>
<td>Adapter</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>120W</td>
<td>Adapter</td>
<td>-</td>
<td>-</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&quot;</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&quot;</td>
<td>FHD</td>
<td>Multi-</td>
<td>IPS</td>
<td>250 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>1000:1</td>
<td>-</td>
<td>horizontal: +/-</td>
<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.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)**

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>490.5 x 185 x 417.68 mm (19.31 x 7.28 x 16.44 inches)</td>
</tr>
</tbody>
</table>

**Weight**

<table>
<thead>
<tr>
<th>Models with stand</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5.5 kg (12.13 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 RJ45

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

**Ports**

**Rear Ports**
- 2x USB 2.0
- 1x USB 3.2 Gen 1
- 1x HDMI-out 1.4
- 1x Ethernet (RJ-45)
- 1x power connector

**Left Ports**
- 1x USB 3.2 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: 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

**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: -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

• 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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