OVERVIEW

1. Power connector
2. 2x USB 3.2 Gen 2
3. Ethernet (RJ-45)
4. 2x USB 2.0
5. On-Screen-Display switch
6. OSD adjustment button
7. Power button
8. OSD adjustment button
9. Switch button
10. USB-C 3.2 Gen 2 (for LINK MODE)
11. USB 3.2 Gen 2
12. Headphone / microphone combo jack (3.5mm)
13. HDMI-out 2.0
PERFORMANCE

Processor

**Processor Family**
AMD Ryzen™ 5 / 7 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>AMD Ryzen 5 5600H</td>
<td>6</td>
<td>12</td>
<td>3.3GHz</td>
<td>4.2GHz</td>
<td>3MB L2 / 16MB L3</td>
<td>DDR4-3200</td>
<td>AMD Radeon™ Graphics</td>
</tr>
<tr>
<td>AMD Ryzen 7 5800H</td>
<td>8</td>
<td>16</td>
<td>3.2GHz</td>
<td>4.4GHz</td>
<td>4MB L2 / 16MB L3</td>
<td>DDR4-3200</td>
<td>AMD Radeon Graphics</td>
</tr>
</tbody>
</table>

Operating System

**Operating System**
- Windows® 11 Pro 64
- Windows 11 Home 64
- Windows 11 Home 64 Single Language
- Windows 10 Pro 64
- Windows 10 Home 64
- Windows 10 Home 64 Single Language
- No operating system

Graphics

**Graphics**

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Boost Clock</th>
<th>TGP</th>
<th>Connector</th>
<th>Max Resolution</th>
<th>Key Features</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMD Radeon Graphics</td>
<td>Integrated</td>
<td>Shared</td>
<td>-</td>
<td>-</td>
<td>1x HDMI® 2.0</td>
<td>3840x2160@30Hz(HDMI)</td>
<td>DirectX® 12</td>
<td>-</td>
</tr>
<tr>
<td>AMD Radeon RX 6600M</td>
<td>Discrete</td>
<td>8GB GDDR6</td>
<td>-</td>
<td>-</td>
<td>1x HDMI 2.0</td>
<td>3840x2160@30Hz(HDMI)</td>
<td>DirectX 12</td>
<td>-</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**
AMD SoC (System on Chip) platform

Memory

**Max Memory**
Up to 32GB 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 2TB
• M.2 SSD up to 1TB

<table>
<thead>
<tr>
<th>Storage Type</th>
<th>Interface</th>
<th>RPM</th>
<th>Offering</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>
<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
None
Card Reader
No card reader

Multi-Media
Audio Chip
High Definition (HD) Audio, Realtek® ALC274 codec
Speakers
Stereo speakers, 5W x2, Dolby® Audio™ Premium, JBL*-branded
Microphone
Dual array microphone
Camera
• Removable 5.0-megapixel IR camera
• No camera

Power Supply

Power Supply**

<table>
<thead>
<tr>
<th>Power Type</th>
<th>Efficiency</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W Adapter</td>
<td>89%</td>
<td>Autosensing</td>
</tr>
<tr>
<td>300W Adapter</td>
<td>89%</td>
<td>-</td>
</tr>
</tbody>
</table>

DESIGN

Display

Display**(1)

<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>27”</td>
<td>UHD (3840x2160)</td>
<td>None</td>
<td>IPS</td>
<td>300 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>1000:1</td>
<td>99% DCI-P3 + 99%</td>
<td>horizontal: +/- 89°, vertical: +/-</td>
</tr>
</tbody>
</table>
YOGA AIO 7 27ACH6

<table>
<thead>
<tr>
<th>27&quot; UHD (3840x2160)</th>
<th>None</th>
<th>IPS</th>
<th>350 nits</th>
<th>Anti-glare</th>
<th>16:9</th>
<th>1000:1</th>
<th>100% sRGB</th>
<th>horizontal: +/-89°, vertical: +/-89°</th>
<th>Borderless</th>
</tr>
</thead>
<tbody>
<tr>
<td>27&quot; UHD (3840x2160)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>360 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
<td>1000:1</td>
<td>100% sRGB</td>
<td>horizontal: +/-89°, vertical: +/-89°</td>
<td>Borderless</td>
</tr>
</tbody>
</table>

**Touchscreen**
- On-cell touch, 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.carecycle.ca.gov/Electronics/Consumer

**Input Device**
- Pen
  No support
- **Keyboard**
  Euterpe Wireless Keyboard, silver
- **Mouse**
  Euterpe Wireless Mouse, silver

**Mechanical**
- **Buttons**
  - Power button
  - Reset button
  - Switch button
  - OSD adjustment button

**Form Factor**
- AIO (27 inches)

**Dimensions (WxDxH)**
- 614 x 108 x 460 mm (24.17 x 4.25 x 18.11 inches)

**Packaging Dimensions (WxDxH)**
- 330 x 745 x 569 mm (12.99 x 29.33 x 22.4 inches)

**Weight**

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discrete graphics models with non-touch function</td>
<td>11.83 kg (26.08 lbs)</td>
</tr>
<tr>
<td>Discrete graphics models with non-touch function</td>
<td>13.06 kg (28.79 lbs)</td>
</tr>
<tr>
<td>Discrete graphics models with non-touch function</td>
<td>12.04 kg (26.54 lbs)</td>
</tr>
<tr>
<td>Discrete graphics models with non-touch function</td>
<td>12.43 kg (27.36 lbs)</td>
</tr>
</tbody>
</table>

**Packaging Weight**
- Discrete graphics models with non-touch function: 16.54 kg (36.46 lbs)
- Discrete graphics models with touch function: 17.78 kg (39.19 lbs)
- Integrated graphics models with non-touch function: 16.89 kg (37.23 lbs)
- Integrated graphics models with touch function: 17.15 kg (37.8 lbs)

**Case Color**
- Cloud grey and moon white

**Bays**
- 1x 2.5" disk bay

**Expansion Slots**
- Two M.2 slots (one for WLAN, one for SSD)
Stand
- Monitor stand, supports 0° to +20° tilt, 0° to +90° pivot (only supports counterclockwise)
- AIO stand

CONNECTIVITY

Network
Onboard Ethernet
Gigabit Ethernet, 1x RJ-45

WLAN + Bluetooth®**[1]
- 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

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

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

Top Ports
1x camera connector

Left Ports
- 1x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 2 (for LINK MODE)
- 1x headphone / microphone combo jack (3.5mm)

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
BIOS Security
- Administrator password
- Power-on password
- Hard disk password

SERVICE

Warranty
Base Warranty**[1]
- 1-year courier or carry-in service
- 1-year mail-in service
- 1-year limited onsite service
- 2-year courier or carry-in service
- 3-year courier or carry-in 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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