## OVERVIEW

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<th>1. Power connector</th>
<th>8. OSD adjustment button</th>
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<td>2. 2x USB 3.2 Gen 2</td>
<td>9. Switch button</td>
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<td>3. Ethernet (RJ-45)</td>
<td>10. USB-C 3.2 Gen 2 (for LINK MODE)</td>
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<td>4. 2x USB 2.0</td>
<td>11. USB 3.2 Gen 2</td>
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<td>5. On-Screen-Display switch</td>
<td>12. Headphone / microphone combo jack (3.5mm)</td>
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<td>6. OSD adjustment button</td>
<td>13. HDMI-out 2.0</td>
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<td>7. Power button</td>
<td></td>
</tr>
</tbody>
</table>
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 10 Pro 64
- Windows 10 Home 64
- 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

**Storage Type**

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

**DESIGN**

**Display**

**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>27&quot;</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% Adobe®</td>
<td>horizontal: +/-89°, vertical: +/-89°</td>
<td>Borderless</td>
</tr>
</tbody>
</table>
YOGA AIO 7 27ACH6

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.calrecycle.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 touch function</td>
<td>13.06 kg (28.79 lbs)</td>
</tr>
<tr>
<td>Integrated graphics models with non-touch function</td>
<td>12.04 kg (26.54 lbs)</td>
</tr>
<tr>
<td>Integrated graphics models with 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**

- 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**

**Rear Ports**

- 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-year mail-in service  
- 1-year depot service  
- 1-year limited onsite service  
- 2-year depot service  
- 3-year depot service  
- OB
Notes:
1. More information of warranty policy, please access https://pcsupport.lenovo.com/warranty

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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