OVERVIEW

1. Card reader
2. USB 3.2 Gen 1
3. USB 3.2 Gen 1 (Always On)
4. USB-C 3.2 Gen 1
5. HDMI
6. USB-C 3.2 Gen 1
7. Headphone / microphone combo jack (3.5mm)
### PERFORMANCE

#### Processor

**Processor Family**
AMD Ryzen™ 5 / 7 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 6600HS Creator Edition</td>
<td>6</td>
<td>12</td>
<td>3.3GHz</td>
<td>4.5GHz</td>
<td>3MB L2 / 16MB L3</td>
<td>LPDDR5-6400</td>
<td>AMD Radeon™ 660M Graphics</td>
</tr>
<tr>
<td>AMD Ryzen 7 6800HS Creator Edition</td>
<td>8</td>
<td>16</td>
<td>3.2GHz</td>
<td>4.7GHz</td>
<td>4MB L2 / 16MB L3</td>
<td>LPDDR5-6400</td>
<td>AMD Radeon 680M Graphics</td>
</tr>
</tbody>
</table>

#### Operating System

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

#### Graphics

**Graphics**

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMD Radeon 660M</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX® 12</td>
</tr>
<tr>
<td>AMD Radeon 680M</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX 12</td>
</tr>
</tbody>
</table>

#### Monitor Support

**Monitor Support**
Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and USB-C®)
- HDMI supports up to 4096x2160@60Hz
- USB-C supports up to 5120x3200@60Hz

#### Chipset

**Chipset**
AMD SoC (System on Chip) platform

#### Memory

**Max Memory**
- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

**Memory Slots**
Memory soldered to systemboard, no slots, dual-channel

**Memory Type**
LPDDR5-6400

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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**
One drive, up to 512GB M.2 2242 SSD or 1TB M.2 2280 SSD

**Storage Slot**
One M.2 2280 PCIe® Gen 4x4 slot, supports M.2 2242/2280 SSD
### Storage Type

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
<th>Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.2 2242 SSD</td>
<td>PCIe NVMe®, PCIe 3.0 x4</td>
<td>512GB</td>
</tr>
<tr>
<td>M.2 2242 SSD</td>
<td>PCIe NVMe, PCIe 4.0 x4</td>
<td>512GB / 1TB</td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe, PCIe 4.0 x4</td>
<td></td>
</tr>
</tbody>
</table>

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

**Card Reader**
4-in-1 card reader (SD, SDHC, SDXC, MMC)

### Multi-Media

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**
Stereo speakers, 2W x2, optimized with Dolby® Atmos®

**Microphone**
Dual array microphone with noise-cancelling, support Lenovo Voice Assistant (LVA), and Amazon Alexa

**Camera**
IR & FHD 1080p hybrid, fixed focus, with ToF sensor

Notes:
1. Amazon Alexa might be limited by country-level restrictions.

### Sensor

**Sensors**
- Hall sensor
- ToF sensor

### Battery

**Battery**
Integrated Li-Polymer 56.5Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

**Max Battery Life**
- Non-touch model:
  - MobileMark® 2018@200nits: 12.1 hr
  - Local video (1080p) playback@150nits: 16.1 hr
- Touch model:
  - MobileMark 2018@200nits: 10.2 hr
  - Local video (1080p) playback@150nits: 16 hr

Notes:
1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

### Power Adapter

**Power Adapter**
- 65W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C slim (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:
AC adapter offerings depend on the country.

**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>14.0&quot;</td>
<td>2.2K (2240x1400)</td>
<td>None</td>
<td>IPS</td>
<td>300 nits</td>
<td>Anti-glare</td>
<td>16:10</td>
<td>1500:1</td>
<td>100% sRGB</td>
<td>170°</td>
<td>TÜV Low Blue Light, TÜV Eyesafe Certified, DC dimming</td>
</tr>
<tr>
<td>14.0&quot;</td>
<td>2.2K (2240x1400)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>300 nits</td>
<td>Glossy</td>
<td>16:10</td>
<td>1500:1</td>
<td>100% sRGB</td>
<td>170°</td>
<td>TÜV Low Blue Light, TÜV Eyesafe Certified, DC dimming</td>
</tr>
<tr>
<td>14.0&quot;</td>
<td>2.8K (2880x1800)</td>
<td>None</td>
<td>IPS</td>
<td>400 nits</td>
<td>Anti-glare</td>
<td>16:10</td>
<td>1500:1</td>
<td>100% sRGB</td>
<td>170°</td>
<td>Refresh rate 90Hz (MAX), TÜV Low Blue Light, TÜV Eyesafe Certified, DC dimming</td>
</tr>
</tbody>
</table>

**Touchscreen**
- OGS (One Glass Solution) Direct Bonding, capacitive-type multi-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](https://www.calrecycle.ca.gov/Electronics/Consumer)
2. 90Hz adaptive refresh rate is available on select models only

### Input Device

**Keyboard**
- 6-row, multimedia Fn keys

**Keyboard Backlight**
- LED backlight

**Touchpad**
- Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

### Mechanical

**Dimensions (WxDxH)**
- 312.2 x 221 x 15.9 mm (12.29 x 8.7 x 0.63 inches)

**Weight**

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated graphics model (touch)</td>
<td>Around 1.49 kg (3.28 lbs)</td>
</tr>
<tr>
<td>Integrated graphics model (non-touch)</td>
<td>Around 1.41 kg (3.12 lbs)</td>
</tr>
</tbody>
</table>

**Case Color**
- Cloud grey
- Stone blue
- Storm grey

**Surface Treatment**
- Aluminium stamping (anodized)

**Case Material**
- Aluminium (top), aluminium (bottom)

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Notes:
The system dimensions and weight vary depending on configurations.

**CONNECTIVITY**

**Network**

Onboard Ethernet
No Ethernet

**WLAN + Bluetooth®**

- Wi-Fi® 5, 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 card

Notes:
1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation
2. Intel® Wi-Fi 6 full features might be limited by country-level restrictions.

**Ports**

**Standard Ports**

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 1x HDMI 2.0
- 1x Card reader
- 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

**SECURITY & PRIVACY**

**Security**

Security Chip
Firmware TPM 2.0 integrated in SoC

Fingerprint Reader
No fingerprint reader

BIOS Security
- Administrator password
- User password
- Master hard disk password
- User hard disk password
- Self-healing BIOS

Other Security
IR camera for Windows Hello

**SERVICE**

**Warranty**

*Base Warranty**

- 1-year depot service
- 1-year depot with 2-year system board service (Korea only)
- 2-year (1-yr battery) depot service
- 3-year (1-yr battery) depot service
Notes:
1. More information of warranty policy, please access https://pcsupport.lenovo.com/warranty

ENVIRONMENTAL

Operating Environment

Temperature
- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

Humidity
- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

Altitude
Maximum altitude (without pressurization): 3048 m (10,000 ft)

CERTIFICATIONS

Green Certifications

ENERGY STAR® 8.0
ErP Lot 6
RoHS compliant

Other Certifications

TÜV Rheinland® Eyesafe Display
TÜV Rheinland Low Blue Light (Hardware Solution)

- Feature with ** means that only one offering listed under the feature is configured on selected models.
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