## OVERVIEW

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power button</td>
</tr>
<tr>
<td>2</td>
<td>Headphone / microphone combo jack (3.5mm)</td>
</tr>
<tr>
<td>3</td>
<td>Thunderbolt 4</td>
</tr>
<tr>
<td>4</td>
<td>USB 3.2 Gen 2</td>
</tr>
</tbody>
</table>
PERFORMANCE

Processor

Processor Family
11th Generation Intel® Core™ 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 i5-1135G7</td>
<td>4</td>
<td>8</td>
<td>2.4GHz</td>
<td>4.2GHz</td>
<td>8MB</td>
<td>LPDDR4x-4266</td>
<td>Intel Iris® Xe Graphics</td>
</tr>
<tr>
<td>Core i5-1155G7</td>
<td>4</td>
<td>8</td>
<td>2.5GHz</td>
<td>4.5GHz</td>
<td>8MB</td>
<td>LPDDR4X-4266</td>
<td>Intel Iris Xe Graphics</td>
</tr>
<tr>
<td>Core i7-1185G7</td>
<td>4</td>
<td>8</td>
<td>3.0GHz</td>
<td>4.8GHz</td>
<td>12MB</td>
<td>LPDDR4x-4266</td>
<td>Intel Iris Xe Graphics</td>
</tr>
<tr>
<td>Core i7-1195G7</td>
<td>4</td>
<td>8</td>
<td>2.9GHz</td>
<td>5.0GHz</td>
<td>12MB</td>
<td>LPDDR4x-4266</td>
<td>Intel Iris Xe 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

Graphics

Graphics

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel Iris Xe Graphics</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX® 12.1</td>
</tr>
</tbody>
</table>

Monitor Support

Monitor Support
Supports up to 3 independent displays (native display and 2 external monitors via Thunderbolt™)
- Thunderbolt supports up to 5120x3200@60Hz

Chipset

Chipset
Intel SoC (System on Chip) platform

Memory

Max Memory[1]
- 8GB soldered memory, not upgradable
- 12GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

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

Memory Type
LPDDR4x-4266

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[2]
One drive, up to 1TB M.2 2280 SSD

Storage Slot
One M.2 2280 PCIe® 3.0 x4 slot

Storage Type

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
<th>Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe®, PCIe 3.0 x4</td>
<td>256GB / 512GB / 1TB</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

Optical
None

Card Reader
No card reader

Multi-Media

Audio Chip
High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers
Stereo speakers, 2W x2 (woofers), 2W x2 (tweeters), optimized with Dolby® Atmos®

Microphone
Dual array microphone

Camera
HD 720p webcam, with privacy shutter, fixed focus

Sensor

Sensors
Accelerometer (G) sensor

Battery

Battery
Integrated Li-Polymer 60Wh battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)

Max Battery Life

- FHD models:
  MobileMark® 2014: 17 hr
  Local video (1080p) playback@150nits: 18 hr
- UHD models:
  MobileMark 2014: 10 hr
  Local video (1080p) playback@150nits: 11 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

Notes:
1. 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>FHD (1920x1080)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>400 nits</td>
<td>Glossy</td>
<td>16:9</td>
<td>-</td>
<td>72% NTSC</td>
<td>-</td>
<td>AAR 89%, Dolby Vision™</td>
</tr>
<tr>
<td>14.0&quot;</td>
<td>UHD (3840x2160)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>500 nits</td>
<td>Glossy</td>
<td>16:9</td>
<td>-</td>
<td>90% DCI-P3</td>
<td>-</td>
<td>VESA DisplayHDR™ 400, AAR 89%</td>
</tr>
</tbody>
</table>

**Touchscreen**

OGM (On-glass Metal mesh) Direct Bonding, capacitive-type multi-touch, supports 10-point 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

**Multi-mode**

Multi-mode
Laptop, tent, stand, and tablet modes supported by 360° hinge

**Input Device**

**Pen**
Lenovo Integrated Pen with built-in rechargeable battery, 4096 levels of pressure sensitivity, on-board garaged and rechargeable

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

**Keyboard Backlight**
LED backlight

**Touchpad**
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 65 x 104 mm (2.56 x 4.09 inches)

**Mechanical**

**Dimensions (WxDxH)**

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium top cover models</td>
<td>319.4 x 216.4 x 14.6 mm (12.57 x 8.51 x 0.57 inches)</td>
</tr>
<tr>
<td>Aluminium with leather top cover models</td>
<td>319.5 x 216.7 x 15.3 mm (12.57 x 8.53 x 0.60 inches)</td>
</tr>
</tbody>
</table>

**Weight**

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium top cover</td>
<td>Around 1.37 kg (3.02 lbs)</td>
</tr>
<tr>
<td>Aluminium with leather top cover</td>
<td>Around 1.44 kg (3.17 lbs)</td>
</tr>
</tbody>
</table>

**Case Color**
- Mica
- Shadow black

**Surface Treatment**
- Aluminium CNC
- Authentic leather

**Case Material**
- Aluminium (top), aluminium (bottom)
- Aluminium + authentic leather (top), aluminium (bottom)

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

**CONNECTIVITY**

**Network**

- Ethernet
  - No Ethernet
- WLAN + Bluetooth®
  - Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1

**Notes:**

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

**Ports**

- **Standard Ports**
  - 1x USB 3.2 Gen 2
  - 2x Thunderbolt 4 (support data transfer, Power Delivery 3.0, DisplayPort™ 1.4, and Always On)
  - 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

**Monitor Cable**

- Lenovo USB-C 3-in-1 Hub (USB-C to VGA / HDMI® / USB-A)
- No monitor cable

**SECURITY & PRIVACY**

**Security**

- **Security Chip**
  - Firmware TPM 2.0 integrated in SoC
- **Fingerprint Reader**
  - Touch style fingerprint reader on palm rest
  - Touch Style Ultrasonic fingerprint reader on palm rest

**BIOS Security**

- Administrator password
- User password
- Master hard disk password
- User hard disk password

**Other Security**

- Camera privacy shutter

**SERVICE**

**Warranty**

- **Base Warranty**
  - 1-year courier or carry-in service
  - 1-year courier or carry-in with 2-year system board service (Korea only)
  - 2-year (1-yr battery) courier or carry-in service
• 3-year (1-yr battery) courier or carry-in service

Notes:
1. More information of warranty policy, please access https://pcsupport.lenovo.com/warranty

ENVIRONMENTAL

Operating Environment

Temperature\(^1\)

- 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)

Notes:
1. When you charge the battery, its temperature must be no lower than 10°C (50°F).

CERTIFICATIONS

Green Certifications

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Other Certifications

Other Certifications

(Optional) Intel Evo™ Platform

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

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