OVERVIEW

1. USB 3.2 Gen 2
2. 2x Thunderbolt 4
3. Headphone / microphone combo jack (3.5mm)
4. USB-C 3.2 Gen 2
5. Power button
6. 1-click function keys area
PERFORMANCE

Processor

Processor Family
12th 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 i5-1240P</td>
<td>12 (4 P-core + 8 E-core)</td>
<td>16</td>
<td>P-core 1.7GHz / E-core 1.2GHz</td>
<td>P-core 4.4GHz / E-core 3.3GHz</td>
<td>12MB</td>
<td>LPDDR5-5200</td>
<td>Intel Iris Xe Graphics</td>
</tr>
<tr>
<td>Core i7-1260P</td>
<td>12 (4 P-core + 8 E-core)</td>
<td>16</td>
<td>P-core 2.1GHz / E-core 1.5GHz</td>
<td>P-core 4.7GHz / E-core 3.4GHz</td>
<td>18MB</td>
<td>LPDDR5-5200</td>
<td>Intel Iris Xe Graphics</td>
</tr>
<tr>
<td>Core i7-1280P</td>
<td>14 (6 P-core + 8 E-core)</td>
<td>20</td>
<td>P-core 1.8GHz / E-core 1.3GHz</td>
<td>P-core 4.8GHz / E-core 3.6GHz</td>
<td>24MB</td>
<td>LPDDR5-5200</td>
<td>Intel Iris Xe Graphics</td>
</tr>
</tbody>
</table>

Operating System

Operating System
- Windows® 11 Pro 64
- Windows 11 Home 64

Graphics

<table>
<thead>
<tr>
<th>Graphics Type</th>
<th>Memory</th>
<th>TGP</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel Iris Xe Graphics</td>
<td>Integrated</td>
<td>Shared CPU TDP</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 USB-C and Thunderbolt™)
- USB-C supports up to 5120x3200@60Hz
- Thunderbolt supports up to 5120x3200@60Hz

Chipset

Chipset
Intel SoC (System on Chip) platform

Memory

Max Memory\(^{(i)}\)
- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

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

Memory Type
LPDDR5-5200

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 256GB 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
Removable Storage

Card Reader
No card reader

Multi-Media

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

Speakers
Stereo speakers, 3W x 2 (woofers on the side), 2W x 2 (front-facing tweeters on hinge bar), optimized with Dolby® Atmos®, Bowers & Wilkins Speakers

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

Camera
2.0-megapixel IR & RGB hybrid, FHD 1080p webcam with privacy shutter, fixed focus

Sensor

Sensors
- Accelerometer (G) sensor
- Ambient light sensor (ALS)
- Hall sensor
- ToF sensor

Battery

Battery
Integrated Li-Polymer 75Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life

- 4K OLED model:
  MobileMark® 2018: 10.5 hr
  Local video (1080p) playback@150nits: 14 hr
- IPS model:
  MobileMark 2018: 13 hr
  Local video (1080p) playback@150nits: 23 hr
- 2.8K OLED model:
  MobileMark 2018: 10.5 hr
  Local video (1080p) playback@150nits: 14 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 slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 100W USB-C slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

DESIGN

Display

Display
### Touchscreen

GF2 or OGM (One 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.carecycle.ca.gov/Electronics/Consumer

### Multi-mode

Multi-mode

Laptop, tent, stand, and tablet modes supported by 360° sound-bar hinge

### Input Device

**Pen**

- Lenovo E-color Pen with built-in rechargeable battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo E-Color Pen Overview](#).
- Lenovo Precision Pen 2 with built-in rechargeable battery, 4096 levels of pressure sensitivity, tilt detection, supports WGP, AES 2.0 and MPP 2.0 protocols.

**Keyboard**

6-row, multimedia F n keys, 1-click function keys

**Keyboard Backlight**

LED backlight

**Touchpad**

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

### Mechanical

#### Dimensions (WxDxH)

318 x 230 x 15.25 mm (12.52 x 9.06 x 0.6 inches)

#### Weight

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPS models</td>
<td>Starting at 1.5 kg (3.31 lbs)</td>
</tr>
<tr>
<td>OLED models</td>
<td>Starting at 1.4 kg (3.09 lbs)</td>
</tr>
</tbody>
</table>

**Case Color**

- Oatmeal
- Storm grey

**Surface Treatment**

Aluminium CNC

**Case Material**

Aluminium (top), aluminium (bottom)

### Notes:

1. The system dimensions and weight vary depending on configurations.

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### CONNECTIVITY

Yoga 9 14IAP7 - March 30 2022
**Network**

WLAN + Bluetooth®
Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2

Notes:
1. Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.
2. BT5.2 is supported on Windows 10 version 20H2 or above (limited to BT5.0 on the earlier version).

**Ports**

Standard Ports
- 1x USB 3.2 Gen 2
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 2x Thunderbolt 4 (support data transfer, Power Delivery 3.0, and DisplayPort 1.4)
- 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;
   - FireWire 400: 400 Mbit/s;
   - FireWire 800: 800 Mbit/s

**Monitor Cable**

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 chipset

Fingerprint Reader
Touch style fingerprint reader on 1-click function keys area

**BIOS Security**
- Administrator password
- User password
- Master hard disk password
- User hard disk password

**Other Security**
- Camera privacy shutter
- IR camera for Windows Hello

**SERVICE**

**Warranty**

Base Warranty
- 1-year depot service
- 2-year depot service
- 3-year 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)

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

ACCESSORIES

Bundled Accessories

Bundled Accessories
Lenovo Yoga® 14-inch Sleeve

CERTIFICATIONS

Green Certifications

Green Certifications
- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Other Certifications

Other Certifications
- Intel Evo™ Platform
- TÜV Rheinland® Low Blue Light (Hardware Solution)

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