

OVERVIEW



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

PERFORMANCE

Processor

Processor Family

12th Generation Intel® Core™ i5 / i7 Processor

Processor\*\*

| Processor Name | Cores                    | Threads | Base Frequency                | Max Frequency                 | Cache | Memory Support | Processor Graphics      |
|----------------|--------------------------|---------|-------------------------------|-------------------------------|-------|----------------|-------------------------|
| Core i5-1240P  | 12 (4 P-core + 8 E-core) | 16      | P-core 1.7GHz / E-core 1.2GHz | P-core 4.4GHz / E-core 3.3GHz | 12MB  | LPDDR5-5200    | Intel Iris® Xe Graphics |
| Core i7-1260P  | 12 (4 P-core + 8 E-core) | 16      | P-core 2.1GHz / E-core 1.5GHz | P-core 4.7GHz / E-core 3.4GHz | 18MB  | LPDDR5-5200    | Intel Iris Xe Graphics  |
| Core i7-1280P  | 14 (6 P-core + 8 E-core) | 20      | P-core 1.8GHz / E-core 1.3GHz | P-core 4.8GHz / E-core 3.6GHz | 24MB  | LPDDR5-5200    | Intel Iris Xe Graphics  |

Operating System

Operating System\*\*

- Windows® 11 Pro 64
- Windows 11 Home 64

Graphics

Graphics

| Graphics               | Type       | Memory | TGP           | Key Features |
|------------------------|------------|--------|---------------|--------------|
| Intel Iris Xe Graphics | Integrated | Shared | Share CPU TDP | DirectX® 12  |

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<sup>[1]</sup>

- 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:

- 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<sup>[1]</sup>

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

\*\*

| Disk Type    | Interface               | Offering    |
|--------------|-------------------------|-------------|
| M.2 2242 SSD | PCIe NVMe®, PCIe 4.0 x4 | 256GB       |
| M.2 2280 SSD | PCIe NVMe, PCIe 4.0 x4  | 512GB / 1TB |

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

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 3W x2 (woofers on the side), 2W x2 (front-facing tweeters on hinge bar), optimized with Dolby® Atmos®, audio by Bowers & Wilkins

Microphone<sup>[1]</sup>

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

Camera

FHD 1080p webcam with IR, fixed focus, with ToF sensor

Notes:

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

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<sup>[1]</sup>

- 4K OLED model:  
MobileMark® 2018@200nits: 10.5 hr  
Local video (1080p) playback@150nits: 14 hr
- IPS model:  
MobileMark 2018@200nits: 13 hr  
Local video (1080p) playback@150nits: 23 hr
- 2.8K OLED model:  
MobileMark 2018@200nits: 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<sup>\*\*[1]</sup>

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

Notes:

1. AC adapter offerings depend on the country.

DESIGN

Display

Display\*\*[1]

| Size  | Resolution              | Touch       | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features                                                         |
|-------|-------------------------|-------------|------|------------|---------|--------------|----------------|-------------|---------------|----------------------------------------------------------------------|
| 14.0" | WUXGA (1920x1200)       | Multi-touch | IPS  | 400 nits   | Glossy  | 16:10        | 1000:1         | 100% sRGB   | 170°          | Refresh rate 60Hz, Dolby Vision™                                     |
| 14.0" | WQUXGA (3840x2400)      | Multi-touch | OLED | 400 nits   | Glossy  | 16:10        | 1000000:1      | 100% DCI-P3 | 170°          | Refresh rate 60Hz, VESA DisplayHDR™ True Black 500, Dolby Vision     |
| 14.0" | 2.8K QWXGA+ (2880x1800) | Multi-touch | OLED | 400 nits   | Glossy  | 16:10        | 1000000:1      | 100% DCI-P3 | 170°          | Refresh rate 60Hz/90Hz, VESA DisplayHDR True Black 500, Dolby Vision |

Touchscreen

GF2 or 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° 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 Fn 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[1]

Dimensions (WxDxH)

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

Weight

| Models     | Weight                        |
|------------|-------------------------------|
| IPS models | Starting at 1.5 kg (3.31 lbs) |

|             |                               |
|-------------|-------------------------------|
| OLED models | Starting at 1.4 kg (3.09 lbs) |
|-------------|-------------------------------|

**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.

## CONNECTIVITY

### Network

**Onboard Ethernet**

No Ethernet

**WLAN + Bluetooth®<sup>[1][2]</sup>**

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

**Notes:**

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation
2. Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

### Ports<sup>[1]</sup>

**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)
- 1x Headphone / microphone combo jack (3.5mm)
- 2x Thunderbolt 4 (support data transfer, Power Delivery 3.0, and DisplayPort 1.4)

**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

**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 1-click function keys area

**BIOS Security**

- Administrator password
- User password
- Master hard disk password

- User hard disk password
- Self-healing BIOS

**Other Security**

- Camera privacy shutter
- IR camera for Windows Hello

## SERVICE

### Warranty

**Base Warranty\*\*<sup>[1]</sup>**

- 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<sup>[1]</sup>**

- 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)

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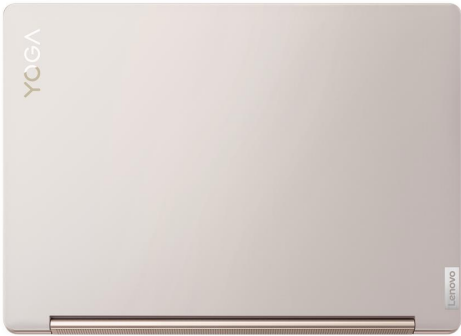
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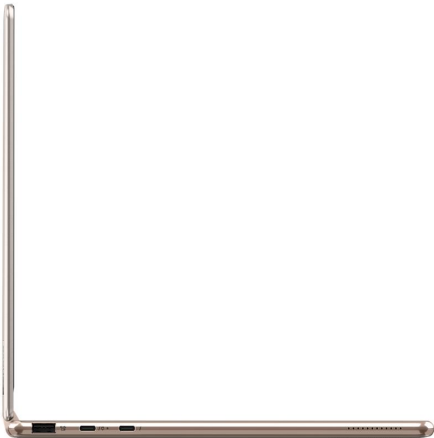
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