

OVERVIEW



| | |
|--|---|
| 1. USB-A (USB 10Gbps) | 4. USB-C (USB 10Gbps), with USB PD 3.0 & DP 1.4 |
| 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 | 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 | 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 | 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 | Intel® Iris® Xe Graphics |

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language

Graphics

Graphics

| Graphics | Type | Memory | TGP | Key Features |
|--------------------------|------------|--------|---------------|---------------|
| Intel® Iris® Xe Graphics | Integrated | Shared | Share CPU TDP | DirectX® 12.1 |

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

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR5-5200

Storage

Storage Support^[1]

One drive, up to 256GB M.2 2242 SSD or 1TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

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.

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

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

Microphone

Dual-microphone array

Camera

FHD 1080p + IR, with privacy shutter, fixed focus, with ToF sensor

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)^[1]

Max Battery Life^[2]

- 2.8K OLED models:
MobileMark® 2018@200nits: 10.5 hr
Local video (1080p) playback@150nits: 14 hr
- 4K OLED models:
MobileMark® 2018@200nits: 10.5 hr
Local video (1080p) playback@150nits: 14 hr
- IPS models:
MobileMark® 2018@200nits: 13 hr
Local video (1080p) playback@150nits: 23 hr

Notes:

[1] Rapid Charge Boost is only effective in hibernates or fully shutting down the computer.

[2] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, 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 depending 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^{**[1]}

- 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**

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Refresh Rate | Viewing Angle (L/R/U/D) | Key Features |
|------|-------------------|-------------|--------------------|------------|---------|--------------|----------------|-------------|--------------|-------------------------|---|
| 14" | WUXGA (1920x1200) | Multi-touch | IPS ^[1] | 400nits | Glossy | 16:10 | 1,000:1 | 100% sRGB | 60Hz | 85°/85°/85°/85° | Dolby Vision®, TÜV Low Blue Light (Hardware), Glass |
| 14" | 2.8K (2880x1800) | Multi-touch | OLED | 400nits | Glossy | 16:10 | 1,000,000:1 | 100% DCI-P3 | 90Hz (Max) | 87.5°/87.5°/87.5°/87.5° | Dolby Vision®, TÜV Low Blue Light (Hardware), VESA DisplayHDR True Black 500, Glass |
| 14" | 4K (3840x2400) | Multi-touch | OLED | 400nits | Glossy | 16:10 | 1,000,000:1 | 100% DCI-P3 | 60Hz | 87.5°/87.5°/87.5°/87.5° | Dolby Vision®, TÜV Low Blue Light (Hardware), VESA DisplayHDR True Black 500, Glass |

Touchscreen

GF2 or OGM (One Glass Metal mesh) multi-touch, supports 10-point touch

Notes:

[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

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. For more information, please read [Lenovo® Precision Pen 2](#)

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

Dimensions (WxDxH)^[1]

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

Weight^[2]

| | |
|--------|--------|
| Models | Weight |
|--------|--------|

| | |
|------------------------|-------------------------------|
| Models with IPS panel | Starting at 1.5 kg (3.31 lbs) |
| Models with OLED panel | Starting at 1.4 kg (3.09 lbs) |

Case Color**

- Oatmeal
- Storm grey

Surface Treatment

Aluminium CNC (top), Aluminium stamping (bottom)

Case Material

Aluminium (top), aluminium (bottom)

Notes:

- [1] The system dimensions may vary depending on configurations.
- [2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

Ethernet

No onboard Ethernet

WLAN + Bluetooth®^{[1][2]}

Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1

Notes:

- [1] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.
- [2] Wi-Fi® 6E full features might be limited by country-level restrictions.
- 6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

Ports^[1]

Standard Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
- 1x Headphone / microphone combo jack (3.5mm)

Notes:

- [1] The transfer speed of the 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.

Docking

Docking

Various docking solutions are supported via Thunderbolt™ / USB-C®.

For more compatible docking solutions, please visit [Docking for Yoga® 9 14IAP7](#)

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

Touch style fingerprint reader on keyboard

BIOS Security

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

Other Security

- IR camera for Windows® Hello (facial recognition)
- Camera privacy shutter

SERVICE

Warranty

Base Warranty**

- 1-year courier or carry-in service
- 2-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier or carry-in service

ACCESSORIES

Bundled Accessories

Bundled Accessories***^[1]

- Lenovo® USB-C® 3-in-1 Hub (USB-C® to VGA / HDMI® / USB-A)
- Lenovo® Yoga® 14-inch Sleeve
- None

Notes:

^[1] For more compatible accessory solutions, please visit [Accessories for Yoga® 9 14IAP7](#).

OPERATING REQUIREMENTS

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)

Relative 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^[1]

Green Certifications^[2]

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered^[3]
- ErP Lot 3

- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

[2] EPEAT™ registration and ENERGY STAR® certification are dependent on system OS. Please visit epeat.net and energystar.gov for more information.

[3] EPEAT™ is registered where applicable, please visit epeat.net for registration status by country.

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.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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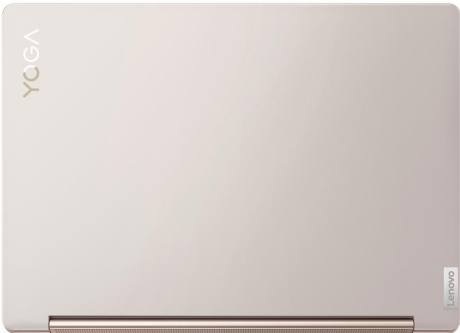
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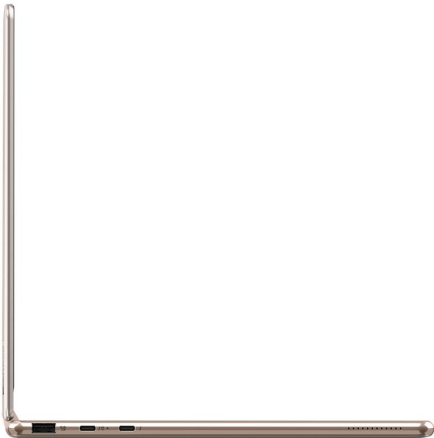
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