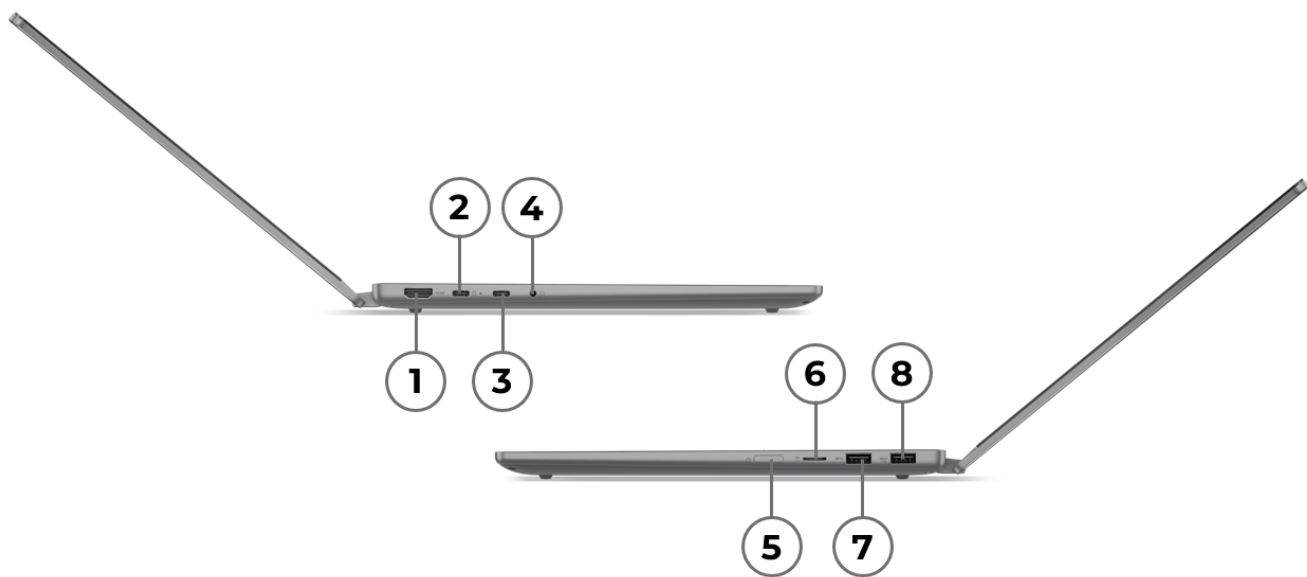


OVERVIEW



1. HDMI	5. Power button
2. USB-C (USB 10Gbps), with USB PD 3.0 & DP 1.4	6. microSD card reader
3. USB-C (USB 10Gbps), with USB PD 3.0 & DP 1.4	7. USB-A (USB 5Gbps)
4. Headphone / microphone combo jack (3.5mm)	8. USB-A (USB 5Gbps), Always On

PERFORMANCE

Processor

Processor Family

Snapdragon® X Plus

Processor

Processor Name	Cores	Max Frequency	Cache	Processor Graphics	NPU
Snapdragon® X Plus X1P-42-100	8	3.4GHz (single-core) / 3.2GHz (8-core)	30MB Total	Qualcomm® Adreno™ GPU	Qualcomm® Hexagon™ NPU

AI (Artificial Intelligence)

AI PC Category

Copilot+ PC

NPU

Qualcomm® Hexagon™ NPU integrated in Snapdragon® X Plus, up to 45 TOPS

Operating System

Operating System\*\*

- Windows® 11 Pro (on ARM)
- Windows® 11 Home (on ARM)
- Windows® 11 Home Single Language (on ARM)

Graphics

Graphics

Graphics	Type	Memory	Key Features
Qualcomm® Adreno™ GPU	Integrated	Shared	DirectX® 12

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C®)

- HDMI® supports up to 4K@60Hz
- USB-C® supports up to 4K@60Hz

Chipset

Chipset

Qualcomm® SoC (System on Chip) platform

Memory

Max Memory

16GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR5x-8448

Storage

Storage Support<sup>[1]</sup>

One drive, up to 1TB M.2 2242 SSD

Storage Slot

One M.2 PCIe® 4.0 x4 slot

Storage Type

Disk Type	Interface	Offering
M.2 2242 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

microSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2, optimized with Dolby Audio™

Microphone

Dual-microphone array

Camera

FHD 1080p, with privacy shutter, fixed focus

Sensor

Sensors

- Accelerometer (G) sensor
- Hall sensor

Battery

Battery

Integrated Li-Polymer 57Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life<sup>[1]</sup>

Local video (1080p) playback@150nits: 21.5 hr

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, JEITA 2.0, JEITA 3.0, 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<sup>[1]</sup>

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

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	OLED	400nits	Glossy	16:10	100,000:1	100% DCI-P3	60Hz	85° / 85° / 85° / 85°	TÜV Low Blue Light (Hardware), Glass

Touchscreen

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

## Multi-mode

### Multi-mode

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

## Input Device

### Pen\*\*

- Lenovo® Digital Pen 2 with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity
- Lenovo® Digital Pen 2 without replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity
- No pen (purchase separately)

### Keyboard

6-row, multimedia Fn keys, Copilot key

### Keyboard Backlight

LED backlight

### Touchpad

Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)

## Mechanical

### Dimensions (WxDxH)<sup>[1]</sup>

313 x 227 x 17.5 mm (12.32 x 8.94 x 0.69 inches)

### Weight<sup>[2]</sup>

Starting at 1.49 kg (3.28 lbs)

### Case Color

Luna grey

### Surface Treatment

Aluminium stamping (anodized with sandblasting)

### Case Material

Aluminium (top), PC-ABS + 40% GF (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<sup>[1]</sup>

Wi-Fi® 7, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4

Notes:

[1] Wi-Fi® 7 and Bluetooth® 5.4 require the supported Windows® OS.

Wi-Fi® 7 requires a separate Wi-Fi® 7 router and / or other networking devices to meet full WiFi 7 requirements.

Wi-Fi® 7 is backwards compatible with prior WiFi standards.

Wi-Fi® 7 is available in countries where Wi-Fi® 7 is supported.

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

### Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4

- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x microSD card reader

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**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.

## SECURITY & PRIVACY

### Security

#### Security Chip

Microsoft® Pluton TPM 2.0 Enabled

#### Fingerprint Reader

Touch style 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

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories<sup>[1]</sup>

None

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**Notes:**

[1] For more compatible accessory solutions, please visit [Accessories for IdeaPad® 5 2-in-1 14Q8X9](#).

## OPERATING REQUIREMENTS

### 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)

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

#### Green Certifications<sup>[2]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered<sup>[3]</sup>
- ErP Lot 6
- ErP Lot 26
- 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](https://epeat.net) and [energystar.gov](https://energystar.gov) for more information.

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

### Other Certifications

#### Mil-Spec Test

MIL-STD-810H military test passed (21 test items)

#### Other Certifications

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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