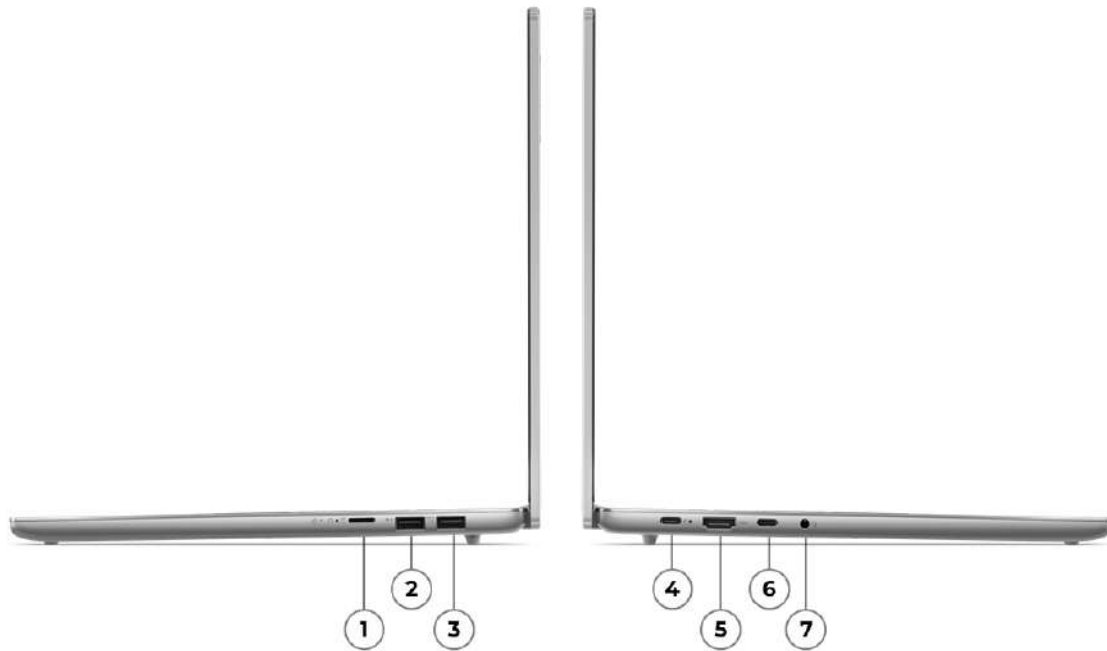


**OVERVIEW**

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

## PERFORMANCE

### Processor

#### Processor Family

13th Generation Intel® H Series Core™ i5 / i7 Processor

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i5-13420H	8 (4 P-core + 4 E-core)	12	P-core 2.1GHz / E-core 1.5GHz	P-core 4.6GHz / E-core 3.4GHz	12MB	Intel UHD Graphics
Core i7-13620H	10 (6 P-core + 4 E-core)	16	P-core 2.4GHz / E-core 1.8GHz	P-core 4.9GHz / E-core 3.6GHz	24MB	Intel UHD Graphics

### Operating System

#### Operating System\*\*

- Windows® 11 Home
- Windows 11 Home Single Language
- Windows 11 Pro
- No operating system

### Graphics

#### Graphics

Graphics	Type	Memory	TGP	Key Features
Intel UHD 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 HDMI® and USB-C®)

- HDMI supports up to 4K@30Hz
- USB-C supports up to 4K@60Hz

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Max Memory

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable

#### Memory Slots\*\*

- Memory soldered to systemboard, no slots, dual-channel (16GB or 32GB models)
- Memory soldered to systemboard, no slots, single-channel (8GB models)

#### Memory Type

LPDDR5x-5200

### Storage

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

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

#### Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

#### Storage Type

Disk Type	Interface	Offering
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M.2 2242 SSD	PCIe NVMe®, PCIe 4.0 x4	512GB / 1TB
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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 + IR, with privacy shutter, fixed focus, with ToF sensor
- FHD 1080p, with privacy shutter, fixed focus

## Battery

### Battery\*\*

- Integrated Li-Polymer 57Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)
- Integrated Li-Polymer 76Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

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

- Models with 57Wh battery:
  - MobileMark® 25@250nits: 7.1 hr
  - Local video (1080p) playback@150nits: 14.5 hr
- Models with 76Wh battery:
  - MobileMark 25@250nits: 10.6 hr
  - Local video (1080p) playback@150nits: 22.3 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, 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
- 65W USB-C slim (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C slim (wall-mount) 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
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15.3"	WUXGA (1920x1200)	None	IPS <sup>[1]</sup>	300nits	Anti-glare	16:10	1200:1	100% sRGB	60Hz	85°/85°/85°/85°	TÜV Low Blue Light (Software)
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**Touchscreen**

Non-touch

Notes:

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

**Input Device****Keyboard**

6-row, multimedia Fn keys, numeric keypad

**Keyboard Backlight**

- LED backlight
- Non-backlight

**Touchpad**

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

**Mechanical****Dimensions (WxDxH)<sup>[1]</sup>**

343.5 x 238.21 x 17.42 mm (13.52 x 9.38 x 0.69 inches)

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

Around 1.79 kg (3.95 lbs)

**Case Color**

- Cloud grey
- Violet

**Surface Treatment**

Aluminium stamping (anodized)

**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<sup>®</sup>\*\***

- Wi-Fi<sup>®</sup> 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 card
- Wi-Fi 6E, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 card<sup>[1]</sup>

Notes:

[1] 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<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 5Gbps / USB 3.2 Gen 1), with USB PD 3.0 and DisplayPort™ 1.4
- 1x HDMI 1.4
- 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

Firmware TPM 2.0 integrated in SoC

#### Fingerprint Reader

- Touch style fingerprint reader on palm rest
- No fingerprint reader

#### BIOS Security

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

#### Other Security

- Camera privacy shutter
- (Optional) IR camera for Windows Hello

## SERVICE

### Warranty

#### Base Warranty\*\*

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

## 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)

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**Notes:**

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

## ACCESSORIES

## Bundled Accessories

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

None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for IdeaPad® Slim 5 15IRH9](#).

## CERTIFICATIONS

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

#### Green Certifications

- (Optional) ENERGY STAR® 8.0
- (Optional) EPEAT™ Gold Registered<sup>[2]</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.

[2] EPEAT is registered where applicable, please see <https://www.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 (Software Solution)

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