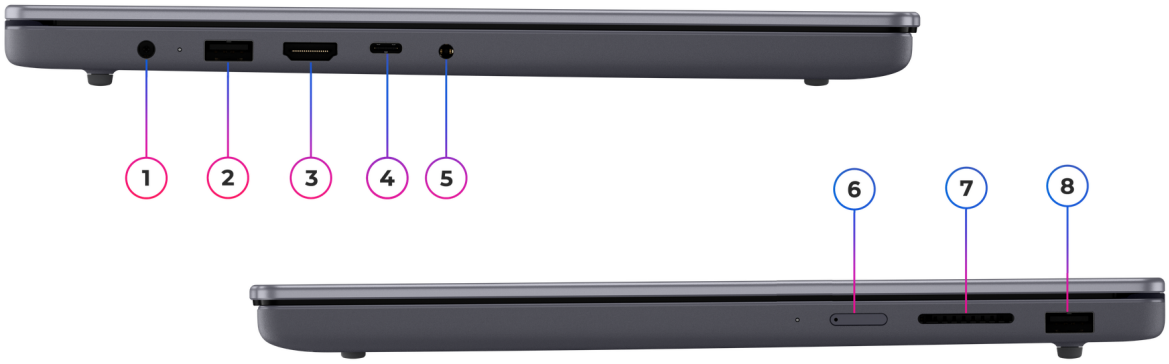
OVERVIEW



1. Power connector	5. Headphone / microphone combo jack (3.5mm)
2. USB-A (USB 5Gbps)	6. Power button
3. HDMI	7. SD card reader
4. USB-C (USB 5Gbps), with USB PD 3.0 & DP 1.2	8. USB-A (USB 5Gbps)

PERFORMANCE

Processor

Processor Family

Snapdragon® X

Processor

Processor Name	Cores	Max Frequency	Cache	Processor Graphics	NPU
Snapdragon® X X1-26-100	8	3.0GHz[1]	30MB Total	Qualcomm® Adreno™ GPU	Qualcomm® Hexagon™ NPU

Notes:

[1] Single-Core speeds up to 2.976 GHz / Multi-Core speeds up to 2.956 Ghz

AI (Artificial Intelligence)

AI PC Category

Copilot+ PC

NPU

Integrated Qualcomm® Hexagon™ NPU, 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@30Hz
• USB-C® supports up to 4K@60Hz

Chipset

Chipset

Qualcomm® SoC (System on Chip) platform

Memory

Max Memory

- 16GB soldered memory, not upgradable
- 24GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type[1]

LPDDR5x-8448

Notes:

[1] Installed memory is actually LPDDR5x-8533 but run as LPDDR5x-8448 due to platform limitation.

Storage

Storage Support[1][2]

Up to two drives, 2x M.2 SSD

• M.2 2242 SSD up to 1TB

Storage Slot

Two M.2 2242 PCIe® 4.0 x4 slots

Storage Type

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

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.
[2] The system supports dual SSD via two M.2 slots, but Lenovo® offers only one SSD configuration with a second slot for user self-expansion.

Removable Storage

Card Reader

SD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

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

Microphone

Dual-microphone array

Camera**

- 5.0MP, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus

Battery

Battery**

- Rechargeable Li-ion 60Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)
- Rechargeable Li-ion 50Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life[1]

- Models with 50Wh battery:
  Local video (1080p) playback@150nits: 18.5 hr
- Models with 60Wh battery:
  Local video (1080p) playback@150nits: 22.5 hr

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, MobileMark® 30, 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

65W round tip (3-pin) AC adapter, 100-240V, 50-60Hz

DESIGN

Display

Display**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle	Key Features

										(L/R/U/D)	
15.1"	WQXGA (2560x1600)	None	OLED	500nits	Glossy	16:10	100,000:1	100% DCI-P3	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Hardware), DisplayHDR™ True Black 600
15.3"	WUXGA (1920x1200)	Multi-touch	IPS[1]	300nits	Anti-glare	16:10	1200:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Software)
15.3"	WUXGA (1920x1200)	None	IPS[2]	300nits	Anti-glare	16:10	1200:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Software)

Touchscreen

- Capacitive-type multi-touch, supports 10-point touch
- Non-touch

Notes:

[1], [2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device

Pen

No support

Keyboard

6-row, multimedia Fn keys, numeric keypad, Copilot key

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)[1][2]

343.4 x 239.5 x 16.9-17.9 mm (13.52 x 9.51 x 0.67-0.70 inches)

Weight[3]

Starting at 1.5 kg (3.3 lbs)

Case Color

Luna grey

Surface Treatment

Aluminium Stamping Anodized (Top), Texture (Bottom)

Case Material

Aluminium (top), PC-ABS (bottom)

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The depth is 241.5 mm (9.51 inches) with the camera bump.

[3] 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]**

- Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Wi-Fi® 7, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card[2]

WWAN

No support

Notes:

[1] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[2] 6GHz Wi-Fi® 7 operation is subject to the regulation rules in each country.

Ports[1]

Standard Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)[2]
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with USB PD 3.0 and DisplayPort™ 1.2[3]
- 1x HDMI® 1.4
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Power connector

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.

[2] It is recommended to connect the left USB-A connector to a full-speed, high-speed or super-speed device for device stability and data safety.

[3] It is recommended to connect the USB-C® connector to a full-speed, high-speed or super-speed device for device stability and data safety.

Docking

Docking

Various docking solutions supported via USB-C®.
For more compatible docking solutions, please visit
Docking for IdeaPad® Slim 3 15Q8X10

SECURITY & PRIVACY

Security

Security Chip

Microsoft® Pluton TPM 2.0 Enabled

Fingerprint Reader

Touch style fingerprint reader on palm rest

BIOS Security

- Administrator password
- Master hard disk password
- Power-on password
- User hard disk password
- User password
- More BIOS security features, please visit BIOS Simulator

Other Security

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® 16-inch Laptop Backpack B210 black (ECO)
- Lenovo® E310 True Wireless Stereo Earbuds
- Lenovo® WL310 Bluetooth® Silent Mouse
- None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for IdeaPad® Slim 3 15Q8X10.

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: 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® 9.0
- EPEAT™ Gold Registered[3]
- ErP Lot 6/26
- 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 optional and only available on the models with preloaded 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

Mil-Spec Test

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

Other Certifications

- (Optional) TÜV Rheinland® Low Blue Light (Hardware Solution)
- (Optional) TÜV Rheinland® Low Blue Light (Software Solution)

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
- Feature with *** means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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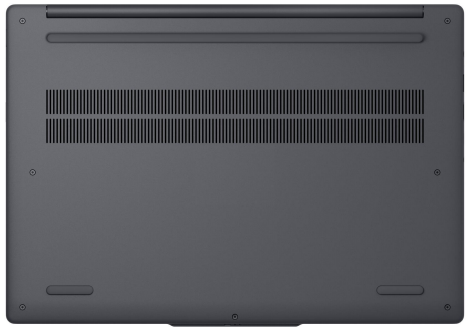
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