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

AMD Ryzen™ AI 5 / 7 300 Series Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
AMD Ryzen™ AI 5 340	6	12	2GHz	4.8GHz	6MB L2 / 16MB L3	AMD Radeon™ 840M	AMD Ryzen™ AI
AMD Ryzen™ AI 7 350	8	16	2GHz	5GHz	8MB L2 / 16MB L3	AMD Radeon™ 860M	AMD Ryzen™ AI

AI (Artificial Intelligence)

AI PC Category

Copilot+ PC

AI Performance

Up to 66 overall TOPS

NPU

Integrated AMD Ryzen™ AI, up to 50 TOPS

Operating System

Operating System**

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

Graphics

Graphics**

Graphics	Type	Memory	TGP	Key Features
AMD Radeon™ 840M	Integrated	Shared	Share CPU TDP	DirectX® 12
AMD Radeon™ 860M	Integrated	Shared	Share CPU TDP	DirectX® 12

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@60Hz
• USB-C® supports up to 4K@60Hz

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory

- Up to 24GB DDR5-4800 offering
- Up to 32GB DDR5-5600 offering

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type**

- DDR5-4800
- DDR5-5600

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 slots
• One M.2 2242 PCIe® 4.0 x4 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	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

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

Battery

Battery**

• Integrated Li-Polymer 60Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)
• Integrated Li-Polymer 80Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life[1]

• Models with 60Wh battery and OLED panel:
  Local video (1080p) playback@150nits: 17.9 hr
• Models with 80Wh battery and OLED panel:
  Local video (1080p) playback@150nits: 17.8 hr
• Models with 60Wh battery and IPS panel:
  Local video (1080p) playback@150nits: 19.8 hr
• Models with 80Wh battery and IPS panel:
  Local video (1080p) playback@150nits: 22.4 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**[1]

• 65W USB-C® (3-pin) 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
16″	WUXGA (1920x1200)	None	IPS[1]	300nits	Anti-glare	16:10	1200:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Software)
16″	WUXGA (1920x1200)	None	IPS[2]	300nits	Anti-glare	16:10	1200:1	100% sRGB	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Hardware)
16″	WUXGA (1920x1200)	Multi-touch	IPS[3]	300nits	Anti-glare	16:10	1200:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Software)
16″	2.8K (2880x1800)	None	OLED	500nits	Glossy	16:10	100,000:1	100% DCI-P3	120Hz	85° / 85° / 85° / 85°	TÜV Low Blue Light (Hardware), DisplayHDR™ True Black 1000

Touchscreen

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

Notes:

[1], [2], [3] 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]

356.5 x 250.6 x 16.9 mm (14.03 x 9.87 x 0.67 inches)

Weight[2]

Models	Weight
Models with 60Wh battery and IPS panel	Around 1.85 kg (4.08 lbs)
Models with 80Wh battery and IPS panel	Around 1.93 kg (4.25 lbs)
Models with 60Wh battery and OLED panel	Around 1.69 kg (3.73 lbs)
Models with 80Wh battery and OLED panel	Around 1.76 kg (3.88 lbs)

Case Color**

- Cosmic blue
- Luna grey

Surface Treatment

Anodizing sandblasting

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]

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

- 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

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 supported via USB-C®.
For more compatible docking solutions, please visit
[Docking for IdeaPad® Slim 5 16AKP10](#)

SECURITY & PRIVACY

Security

Security Chip

Microsoft® Pluton TPM 2.0 Enabled

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- Master hard disk password
- User hard disk password
- User password
- Self-healing BIOS
- More BIOS security features, please visit BIOS Simulator

Other Security

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

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

ACCESSORIES

Bundled Accessories

Bundled Accessories[1]

None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for IdeaPad® Slim 5 16AKP10.

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™ 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.

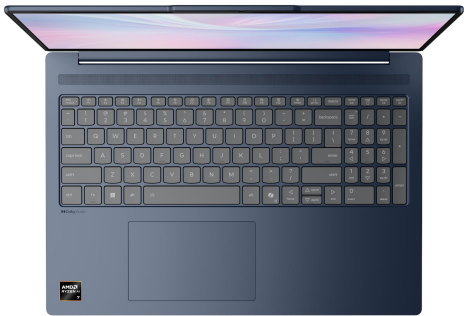## Other Certifications

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)
- TÜV Rheinland® Flicker Free

- 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.

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