

OVERVIEW



|                                                     |                                 |
|-----------------------------------------------------|---------------------------------|
| 1. HDMI                                             | 5. Power button                 |
| 2. USB-C (USB 10Gbps), with USB PD 65-100W & DP 1.4 | 6. microSD card reader          |
| 3. USB-C (USB 10Gbps), with USB PD 65-100W & 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 / 7 400 Series Processor

Processor\*\*

| Processor Name      | Cores | Threads | Base Frequency | Max Frequency | Cache            | Processor Graphics | NPU                          | Overall TOPS  |
|---------------------|-------|---------|----------------|---------------|------------------|--------------------|------------------------------|---------------|
| AMD Ryzen™ AI 5 430 | 4     | 8       | 2.0GHz         | 4.5GHz        | 4MB L2 / 8MB L3  | AMD Radeon™ 840M   | AMD Ryzen™ AI, up to 50 TOPS | Up to 58 TOPS |
| AMD Ryzen™ AI 7 445 | 6     | 12      | 2.0GHz         | 4.6GHz        | 6MB L2 / 8MB L3  | AMD Radeon™ 840M   | AMD Ryzen™ AI, up to 50 TOPS | Up to 59 TOPS |
| AMD Ryzen™ AI 7 450 | 8     | 16      | 2.0GHz         | 5.1GHz        | 8MB L2 / 16MB L3 | AMD Radeon™ 860M   | AMD Ryzen™ AI, up to 50 TOPS | Up to 66 TOPS |

AI (Artificial Intelligence)

AI PC Category\*\*

- Copilot+ PC<sup>[1]</sup>
- AI PC<sup>[2]</sup>

NPU

Integrated AMD Ryzen™ AI, up to 50 TOPS

Notes:

- [1] Copilot+ PCs have at least 16GB RAM, 256GB storage, and a NPU that runs 40+ TOPs to run the latest AI tools build-in latest Windows® 11 to accelerate productivity and creativity.
- [2] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the Microsoft® Copilot key or using Win + C.

Operating System

Operating System\*\*

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

Graphics

Graphics\*\*

| Graphics         | Type       | Memory | Key Features |
|------------------|------------|--------|--------------|
| AMD Radeon™ 840M | Integrated | Shared | DirectX® 12  |
| AMD Radeon™ 860M | Integrated | Shared | 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<sup>[1]</sup>

Up to 32GB DDR5-5600 offering

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Memory Type

DDR5-5600

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Max Storage Support<sup>[1][2]</sup>

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB

Storage Slot<sup>[3]</sup>

- Models with Ryzen™ AI 7 450 processor: two M.2 slots
  - One M.2 2242 PCIe® 4.0 x4 slot
  - One M.2 2280 PCIe® 4.0 x4 slot
- Models with Ryzen™ AI 5 430 / 435, Ryzen™ AI 7 445 processor: two M.2 slots
  - One M.2 2242 PCIe® 4.0 x4 slot
  - One M.2 2280 PCIe® 4.0 x2 slot

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.

[3] The actual data transfer rate of the following PCIe® interface also depends on the capabilities of the connected PCIe® device. The listed values represent theoretical maximums.  
PCIe® 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps);  
PCIe® 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps);  
PCIe® 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).

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\*\*

- 5.0MP, with privacy shutter, fixed focus
- FHD 1080p + IR, with privacy shutter, fixed focus, with ToF sensor

Battery

Battery\*\*

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

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

- Models with 50Wh battery:  
MobileMark® 30@25Onits: 11.2 hr

- Local video (1080p) playback@150nits: 14.29 hr
- Models with 60Wh battery:  
MobileMark® 30@250nits: 14.8 hr  
Local video (1080p) playback@150nits: 21.58 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 (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- No power adapter

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) | Non-touch | IPS <sup>[1]</sup> | 400nits    | Anti-glare | 16:10        | 1000:1         | 45% NTSC    | 60Hz         | 89° / 89° / 89° / 89°   | TÜV Rheinland® Low Blue Light (Software)                              |
| 14"  | WUXGA (1920x1200) | Non-touch | IPS <sup>[2]</sup> | 400nits    | Anti-glare | 16:10        | 1200:1         | 100% sRGB   | 120Hz        | 89° / 89° / 89° / 89°   | TÜV Rheinland® Low Blue Light (Hardware)                              |
| 14"  | WUXGA (1920x1200) | Non-touch | OLED               | 400nits    | Glossy     | 16:10        | 100,000:1      | 100% DCI-P3 | 60Hz         | 85° / 85° / 85° / 85°   | TÜV Rheinland® Low Blue Light (Hardware), DisplayHDR™ True Black 500  |
| 14"  | 2.8K (2880x1800)  | Non-touch | OLED               | 500nits    | Glossy     | 16:10        | 100,000:1      | 100% DCI-P3 | 120Hz        | 85° / 85° / 85° / 85°   | TÜV Rheinland® Low Blue Light (Hardware), DisplayHDR™ True Black 1000 |

Touchscreen

Non-touch

Screen-to-Body Ratio

90% AAR (active area ratio)

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, key travel 1.3mm, 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)<sup>[1]</sup>

313.4 x 222 x 16.9 mm (12.34 x 8.74 x 0.67 inches)

Weight<sup>[2]</sup>

| Models                                  | Weight                         |
|-----------------------------------------|--------------------------------|
| Models with 60Wh battery and IPS panel  | Starting at 1.47 kg (3.24 lbs) |
| Models with 50Wh battery and IPS panel  | Starting at 1.45 kg (3.20 lbs) |
| Models with 60Wh battery and OLED panel | Starting at 1.37 kg (3.02 lbs) |
| Models with 50Wh battery and OLED panel | Starting at 1.34 kg (2.95 lbs) |

Case Color\*\*

- Breeze moss
- Cosmic blue
- Jelly mint
- Luna grey

Case Material

Aluminium (top), aluminium (bottom)

Surface Treatment

Anodizing sandblasting

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

WLAN + Bluetooth®\*\*<sup>[1]</sup>

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

WWAN

No support

Ethernet

No onboard Ethernet

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports<sup>[1]</sup>

Standard Ports

- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 2x USB-C® (USB 10Gbps), with USB PD 65-100W 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.

## Docking

### Docking

Various docking solutions supported via USB-C®.

For more compatible docking solutions, please visit [Docking for IdeaPad® Slim 5 14AGP11](#)

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in SoC

#### Fingerprint Reader

No fingerprint reader

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

- Administrator password
- Master hard disk password
- Power-on password
- User hard disk password
- User password
- Self-healing BIOS
- More BIOS security features, please visit [BIOS Simulator](#)

#### Other Security

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

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**Notes:**

[1] The BIOS simulator is just for reference. Default settings and some options may vary depending on the hardware, operating system and BIOS version.

## 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
- No base warranty

## ACCESSORIES

### Bundled Accessories

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

- Lenovo® 16" Laptop ECO Backpack B210 (black)
- Lenovo® WL310 Bluetooth® Silent Mouse (grey)
- None

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**Notes:**

[1] For more compatible accessory solutions, please visit [Accessories for IdeaPad® Slim 5 14AGP11](#).

## 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® 9.0
- EPEAT 1.0 Gold Registered<sup>[3]</sup>
- 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](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

- (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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Copilot+PC



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