OVERVIEW



1. HDMI	5. Power button
2. Headphone / microphone combo jack (3.5mm)	6. microSD card reader
3. USB-C (USB 10Gbps), with USB PD 45-65W & DP 1.4	7. USB-A (USB 5Gbps)
4. USB-C (USB 10Gbps), with USB PD 45-65W & DP 1.4	8. USB-A (USB 5Gbps), Always On

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ AI 5 / 7 400 Series Processor - Gorgon Point

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 5 435	6	12	2.0GHz	4.5GHz	6MB L2 / 8MB L3	AMD Radeon™ 840M	AMD Ryzen™ AI, up to 50 TOPS	Up to 59 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

AI (Artificial Intelligence)

AI PC Category

Copilot+ PC[1]

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.

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

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 32GB DDR5-5600 offering

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Memory Type

DDR5-5600

Storage

Max Storage Support[1][2]

Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB

Storage Slot[3]

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.
[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, Realtek® ALC3287 codec

Speakers

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

Microphone

Dual-microphone array

Camera

FHD 1080p + IR, with privacy shutter, fixed focus

Sensor

Sensors

- Accelerometer (G) sensor
- Giant magnetoresistance (GMR)

Battery

Battery[1]

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

Max Battery Life[2]

- WUXGA IPS models:
  MobileMark® 30@250nits: 11.6 hr
  Local video (1080p) playback@150nits: 20 hr
- WUXGA OLED models:
  MobileMark® 30@250nits: 11.7 hr
  Local video (1080p) playback@150nits: 19 hr
- 2.8K IPS models:
  MobileMark® 30@250nits: 11 hr
  Local video (1080p) playback@150nits: 17 hr

Notes:

[1] Rapid Charge Boost is only effective in hibernates or fully shutting down the computer.
[2] 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
- 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)	Multi-touch	IPS[1]	400nits	Glossy	16:10	800:1	45% NTSC	60Hz	85° / 85° / 85° / 85°	TÜV Low Blue Light (Software), Glass
14″	WUXGA (1920x1200)	Multi-touch	OLED	600nits (HDR peak) / 400nits (SDR typical)	Glossy	16:10	1,000,000:1	100% DCI-P3	60Hz	85° / 85° / 85° / 85°	DisplayHDR™ True Black 500, TÜV Low Blue Light (Hardware), Glass
14″	2.8K WQXGA+ (2880x1800)	Multi-touch	IPS[2]	500nits	Glossy	16:10	1,500:1	100% sRGB	120Hz (Max)	85° / 85° / 85° / 85°	TÜV Low Blue Light (Software), Glass

Touchscreen

OGS (One Glass Solution) multi-touch, supports 10-point touch

Screen-to-Body Ratio

90.1% AAR (active area ratio)

Color Calibration

No color calibration

Notes:

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

Multi-mode

Multi-mode

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

Input Device

Pen**

- Lenovo® Pen Gen 2 (cosmic blue)
- Lenovo® Pen Gen 2 (luna grey)
- No pen bundled (purchase separately)

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)[1]

311.6 x 224.9 x 17.4 mm (12.27 x 8.85 x 0.69 inches)

Weight[2]

Models	Weight
Models with 2.8K IPS panel	Starting at 1.47 kg (3.24 lbs)
Models with WUXGA IPS panel	Starting at 1.54 kg (3.40 lbs)
Models with WUXGA OLED panel	Starting at 1.42 kg (3.13 lbs)

Case Color**

- Breeze moss
- Cosmic blue
- Luna grey

Case Material

Aluminium (top), PC-ABS + 40% GF (bottom)

Surface Treatment

Aluminium stamping (anodized with 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®**[1]

- 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[1]

Standard Ports

- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 2x USB-C® (USB 10Gbps), with USB PD 45-65W 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® 5 2-in-1 14AGP11

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

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

ACCESSORIES

Bundled Accessories

Bundled Accessories***[1]

- Lenovo® 16" Laptop ECO Backpack B210 (black)
- Lenovo® 350 Bluetooth® Silent Mouse (breeze moss)
- None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for IdeaPad® 5 2-in-1 14AGP11.

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® 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

- Models with IPS panel:
  TÜV Rheinland® Low Blue Light (Software Solution)
- Models with OLED panel:
  TÜV Rheinland® Low Blue Light (Hardware 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.
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Copilot+PC

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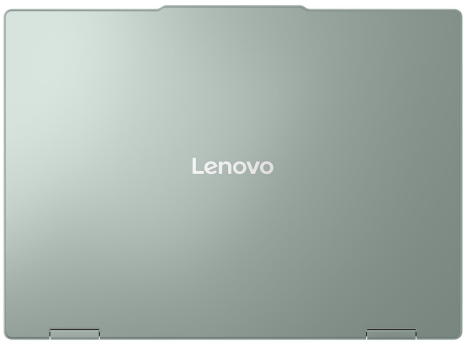
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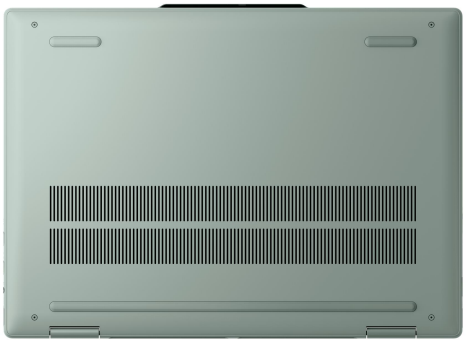
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