

OVERVIEW



1. USB-C (USB 5Gbps), data transfer only	4. USB-C (USB 10Gbps), with USB PD 3.0 & DP 1.4
2. E-shutter switch	5. Headphone / microphone combo jack (3.5mm)
3. USB-C (USB 10Gbps), with USB PD 3.0 & DP 1.4	

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 5 / 7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
AMD Ryzen™ 5 5600U	6	12	2.3GHz	4.2GHz	3MB L2 / 16MB L3	AMD Radeon™ Graphics
AMD Ryzen™ 7 5800U	8	16	1.9GHz	4.4GHz	4MB L2 / 16MB L3	AMD Radeon™ Graphics

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™ Graphics	Integrated	Shared	DirectX® 12
NVIDIA® GeForce MX450	Discrete	2GB GDDR6	DirectX® 12

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via USB-C®)

- USB-C® supports up to 5120x3200@60Hz

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory

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

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR4x-4266

Storage

Storage Support^[1]

One drive, up to 1TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe® 3.0 x4 slot

Storage Type

Disk Type	Interface	Offering
M.2 2280 SSD	PCIe® NVMe®, PCIe® 3.0 x4	512GB / 1TB

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

4 stereo speakers, 3W x2 (woofers on the side), 2W x2 (front-facing tweeters), optimized with Dolby® Atmos®, Smart Amplifier (AMP), audio by Dolby®

Microphone

Dual-microphone array

Camera

HD 720p + IR, with E-shutter, fixed focus, with ToF sensor

Sensor

Sensors

- Ambient color sensor
- Hall sensor
- ToF sensor

Battery

Battery

Integrated Li-Polymer 61Wh battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)^[1]

Max Battery Life^[2]

Local video (1080p) playback@150nits: 14.5 hr

Notes:

[1] Rapid Charge Express 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, 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^{**[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

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 Feature
14"	2.8K (2880x1800)	None	OLED	400nits	Glossy	16:10	1,000,000:1	100% DCI-P3	90Hz (Max)	87.5°/87.5°/87.5°/87.5°	Eyesafe® Certified, Dolby®

												Vision™, VESA DisplayHDR True Black 500, Panda King Glass
14"	2.8K (2880x1800)	Multi-touch	OLED	400nits	Glossy	16:10	1,000,000:1	100% DCI-P3	90Hz (Max)	87.5°/87.5°/87.5°/87.5°		Eyesafe® Certified, Dolby® Vision™, VESA DisplayHDR True Black 500, Corning® Gorilla® Glas

Touchscreen

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

Input Device

Keyboard

6-row, multimedia Fn keys

Keyboard Backlight

LED backlight

Touchpad

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

Mechanical

Dimensions (WxDxH)^[1]

313 x 214.5 x 14.9 mm (12.32 x 8.44 x 0.59 inches)

Weight^[2]

Less than 1.1 kg (2.43 lbs)

Case Color

Cloud grey

Surface Treatment

Painting

Case Material

Carbon fiber (top), magnesium-aluminium (bottom)^[3]

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.

[3] Reinforced with Carbon Web-Core™ 2.0.

CONNECTIVITY

Network

Ethernet

No onboard Ethernet

WLAN + Bluetooth®^[1]**

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card^[2]
- Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card^[3]

Notes:

- [1] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.
- [2] Wi-Fi® 6 full features might be limited by country-level restrictions.
- [3] 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^[1]**Standard Ports**

- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), data transfer only
- 2x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4
- 1x Headphone / microphone combo jack (3.5mm)

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 the theoretical speed.

Docking**Docking**

Various docking solutions are supported via USB-C®.

For more compatible docking solutions, please visit [Docking for Yoga® Slim 7 Carbon 14ACN6](#)

Monitor Cable**Monitor Cable**

Lenovo® USB-C® 3-in-1 Hub (USB-C® to VGA / HDMI® / USB-A)

SECURITY & PRIVACY**Security****Security Chip**

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password

Other Security

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

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

ENVIRONMENTAL**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)

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).

ACCESSORIES

Bundled Accessories

Bundled Accessories^[1]

None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for Yoga® Slim 7 Carbon 14ACN6](#).

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 8.0
- ErP Lot 3
- 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™ registration and ENERGY STAR® certification are dependent on system OS. Please visit [epeat.net](#) and [energystar.gov](#) for more information.

Other Certifications

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

- Eyesafe® Certified
- TÜV Rheinland® Eye Comfort Certification
- TÜV Rheinland® Low Blue Light (Hardware Solution)

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

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