

OVERVIEW



1. Power connector	5. Headphone / microphone combo jack (3.5mm)
2. USB 3.2 Gen 1	6. Card reader
3. HDMI 1.4b	7. USB 3.2 Gen 1
4. USB-C 3.2 Gen 1	

PERFORMANCE

Processor

Processor Family

AMD Athlon™ or AMD Ryzen™ 3 / 5 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD Athlon Silver 7120U	2	2	2.4GHz	3.5GHz	1MB L2 / 2MB L3	LPDDR5-5500	AMD Radeon™ 610M Graphics
AMD Athlon Gold 7220U	2	4	2.4GHz	3.7GHz	1MB L2 / 4MB L3	LPDDR5-5500	AMD Radeon 610M Graphics
AMD Ryzen 3 7320U	4	8	2.4GHz	4.1GHz	2MB L2 / 4MB L3	LPDDR5-5500	AMD Radeon 610M Graphics
AMD Ryzen 5 7520U	4	8	2.8GHz	4.3GHz	2MB L2 / 4MB L3	LPDDR5-5500	AMD Radeon 610M Graphics

Operating System

Operating System^[1]

- Windows® 11 Pro
- Windows 11 Home
- Windows 11 Home in S mode
- Windows 11 Home Single Language
- Windows 11 Home Single Language in S mode
- No operating system

Notes:

1. Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

Graphics

Graphics

Graphics	Type	Memory	TGP	Key Features
AMD Radeon 610M	Integrated	Shared	Share CPU TDP	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

AMD SoC (System on Chip) platform

Memory

Max Memory^[1]

- 4GB soldered memory, not upgradable
- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR5-5500

Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

Storage

Storage Support^[1]

One drive, up to 512GB M.2 2242 SSD

Storage Slot

One M.2 PCIe® 3.0 x2 slot

Storage Type^[2]

Disk Type	Interface	Offering
M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x4	128GB
M.2 2242 SSD	PCIe NVMe, PCIe 4.0 x4	256GB / 512GB

Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.
2. The SSD with PCIe 4.0x4 or PCIe 3.0x4 is downgraded to closer to PCIe 3.0x2 due to the AMD platform limitations.

Removable Storage

Card Reader

4-in-1 card reader (SD, SDHC, SDXC, MMC)

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Front-facing stereo speakers, 1.5W x2, optimized with Dolby® Audio™

Microphone

Dual-microphone array with noise-cancelling

Camera

- HD 720p, with privacy shutter, fixed focus
- FHD 1080p, with privacy shutter, fixed focus

Battery

Battery

Integrated Li-Polymer 47Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life^[1]

Local video (1080p) playback@150nits: 14 hr
 MobileMark® 2018@200nits: 11 hr

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, 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 and depends 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^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)
15.6"	FHD (1920x1080)	None	TN	250 nits	Anti-glare	16:9	400:1	45% NTSC	45°/45°/15°/35°
15.6"	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	800:1	45% NTSC	85°/85°/85°/85°

Touchscreen

Non-touch

Notes:

- California Electronic Waste Recycling Fee
In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

Input Device

Keyboard

6-row, multimedia Fn keys, numeric keypad

Keyboard Backlight

- LED backlight
- Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Mechanical

Dimensions (WxDxH)^[1]

359.3 x 235 x 17.9 mm (14.15 x 9.25 x 0.70 inches)

Weight^[2]

Starting at 1.62 kg (3.57 lbs)

Case Color

- Abyss blue
- Arctic grey
- Frost blue

Surface Treatment

IMR (in-mold decoration by roller)

Case Material

PC-ABS (top), PC-ABS (bottom)

Notes:

- The system dimensions may vary depending on configurations.
- 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]

- 802.11ac 2x2 Wi-Fi® + Bluetooth 5.1, M.2 card
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 card

Notes:

- Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

Ports^[1]

Standard Ports

- 2x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.2)
- 1x HDMI 1.4b
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

Notes:

1. The transfer speed of following 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.
USB 2.0: 480 Mbit/s;
USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

- Touch style fingerprint reader integrated in power button
- No fingerprint reader

BIOS Security

- Administrator password
- Power-on password
- Hard disk password

Other Security

Camera privacy 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).

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 6
- ErP Lot 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.
2. EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

Other Certifications

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

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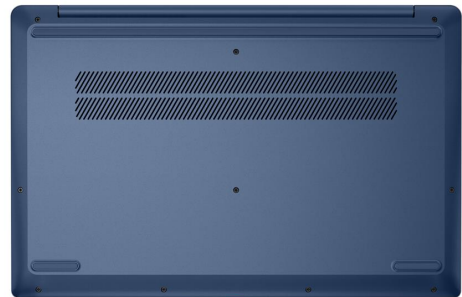
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