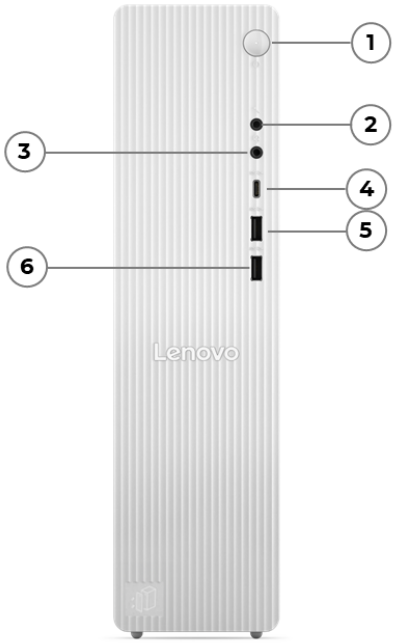
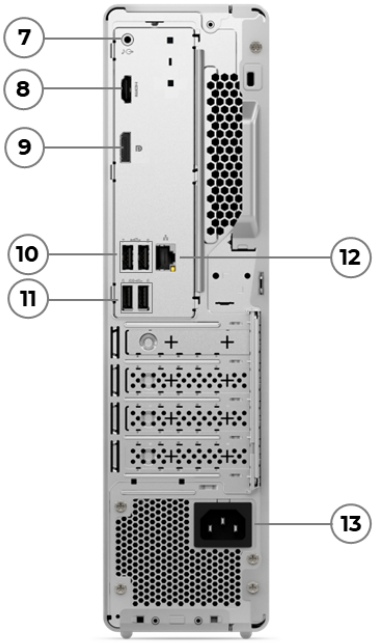
OVERVIEW





1. Power button	8. 1x HDMI 2.1 TMDS
2. 1x Microphone (3.5mm)	9. 1x DisplayPort 1.4
3. 1x headphone / microphone combo jack (3.5mm)	10. 2x USB-A (Hi-Speed USB)
4. 1x USB-C (USB 5Gbps), with 15W charging	11. 2x USB-A (USB 5Gbps)
5. 1x USB-A (USB 5Gbps)	12. 1x Ethernet (RJ-45)
6. 1x USB-A (USB 5Gbps)	13. 1x Power connector
7. 1x Audio-out (3.5mm)	

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 5 / 7 200 Series, or AMD Ryzen™ AI 5 / 7 300 Series Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU	Overall TOPS
AMD Ryzen™ 5 216	6	12	2.9GHz	4.7GHz	6MB L2 / 16MB L3	AMD Radeon™ 740M	-	-
AMD Ryzen™ 5 220	6	12	3.2GHz	4.9GHz	6MB L2 / 16MB L3	AMD Radeon™ 740M	-	-
AMD Ryzen™ 7 250	8	16	3.3GHz	5.1GHz	8MB L2 / 16MB L3	AMD Radeon™ 780M	AMD Ryzen™ AI, up to 16 TOPS	Up to 38 TOPS
AMD Ryzen™ 7 253	8	16	3.6GHz	4.9GHz	8MB L2 / 16MB L3	AMD Radeon™ 780M	AMD Ryzen™ AI, up to 16 TOPS	-
AMD Ryzen™ AI 5 330	4	8	2.0GHz	4.5GHz	4MB L2 / 8MB L3	AMD Radeon™ 820M	AMD Ryzen™ AI, up to 50 TOPS	Up to 56 TOPS
AMD Ryzen™ AI 7 350	8	16	2.0GHz	5.0GHz	8MB L2 / 16MB L3	AMD Radeon™ 860M	AMD Ryzen™ AI, up to 50 TOPS	Up to 66 TOPS

AI (Artificial Intelligence)

AI PC Category**

- AI PC (models with AMD Ryzen™ 7 250 processor)[1]
- Copilot+ PC (models with AMD Ryzen™ AI 5 / 7 300 Series processor)[2]
- Non-AI PC

NPU**

- Integrated AMD Ryzen™ AI, up to 50 TOPS[3]
- Integrated AMD Ryzen™ AI, up to 16 TOPS[4]
- None

Notes:

[1] AI PCs have a Neural Processing Unit (NPU) designed to accelerate artificial intelligence and machine learning workloads on the device.

[2] 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.

[3] Only for the models with AMD Ryzen™ AI 5 340 or AMD Ryzen™ AI 7 350 processor.

[4] Only for the models with AMD Ryzen™ 7 250 processor.

Operating System

Operating System**

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

Graphics

Graphics[1]**

Graphics	Type	Memory	Max Resolution	Connector	Key Features
AMD Radeon™ 740M	Integrated	Shared	4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP)	1x DP 1.4, 1x HDMI® 2.1 TMDS	DirectX® 12
AMD Radeon™ 780M	Integrated	Shared	4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP)	1x DP 1.4, 1x HDMI® 2.1 TMDS	DirectX® 12

AMD Radeon™ 820M	Integrated	Shared	4096x2160@60Hz(HDMI®)	1x HDMI® 2.1 TMDS	DirectX® 12
AMD Radeon™ 860M	Integrated	Shared	4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP)	1x DP 1.4, 1x HDMI® 2.1 TMDS	DirectX® 12

Notes:

[1] The information of integrated graphics are not applicable for the models with processor which has no integrated graphics inside (for the details, please refer to processor section).

Monitor Support

Monitor Support

Supports up to 2 independent displays via onboard ports (DP + HDMI®)

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory[1]

Up to 32GB DDR5-5600

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[1]

Up to three drives, 1x 3.5" SATA HDD + 2x M.2 SSD
• 3.5" SATA HDD up to 2TB
• M.2 SSD up to 1TB each

Storage Type***

Disk Type	Interface	RPM
3.5" SATA HDD	SATA 6Gb/s	7.2K
M.2 SSD	PCIe® NVMe®	-

Notes:

[1] The max capacity of each disk type 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® ALC623 codec

Speakers

No speakers

Power Supply

Power Supply**

Power	Type	Efficiency	Key Features
200W	Fixed	90%	100-240V, 50-60Hz
260W	Fixed	90%	100-240V, 50-60Hz

DESIGN

Input Device

Keyboard**

- Lenovo® Calliope Keyboard (USB connector), cloud grey
- Lenovo® Calliope Keyboard (USB connector), luna grey
- No keyboard

Mouse**

- Lenovo® Calliope Mouse (USB connector), Cloud Grey
- Lenovo® Calliope Mouse (USB connector), Luna Grey
- Lenovo® Fingerprint Mouse (USB connector), Luna Grey
- Lenovo® Fingerprint Mouse (USB connector), Cloud Grey
- Lenovo® Fingerprint Mouse (USB connector), black
- No mouse

Mechanical

Form Factor

SFF (8.2L)

Dimensions (WxDxH)[1]

89 x 291.4 x 339.6 mm (3.5 x 11.47 x 13.37 inches)

Packaging Dimensions (WxDxH)

195 x 395 x 530 mm (7.7 x 15.6 x 20.9 inches)

Weight[2]

4.13 kg (9.11 lbs)

Packaging Weight

All models: Around 5.04 kg (11.11 lbs)

Case Color**

- Cloud grey
- Luna grey

Bays

1x 3.5″ disk bay

Expansion Slots

- One PCIe® 4.0 x16, low-profile, length ≤ 155mm, height ≤ 70mm
- Three M.2 slots (one for WLAN, two for SSD)

Stand

- Vertical stand
- No stand

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

Onboard Ethernet

Gigabit Ethernet, 1x RJ-45

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]

Front Ports

- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with 15W charging
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Rear Ports

- 2x USB-A (Hi-Speed USB / USB 2.0)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4a
- 1x Ethernet (RJ-45)
- 1x audio-out (3.5mm)

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;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s.
Thunderbolt™ 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

BIOS Security

- Administrator password
- Hard disk password
- Power-on password
- More BIOS security features, please visit BIOS Simulator

SERVICE

Warranty[1]

Base Warranty

1-year limited onsite service

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to https://smartfind.lenovo.com/. To learn more details of warranty policy, please access https://support.lenovo.com/warrantylookup/warrantypolicy.

OPERATING REQUIREMENTS

Operating Environment

Temperature

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: -40°C (-40°F) to 60°C (140°F)

Relative Humidity

- Operating: 20% to 80%
- Storage: 20% to 90%

Altitude

- Operating: -15.2 m (-50 ft) to 3048 m (10,000 ft)
- Storage: -15.2 m (-50 ft) to 10668 m (35,000 ft)

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- 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. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.

- 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.
- Feature with *** means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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