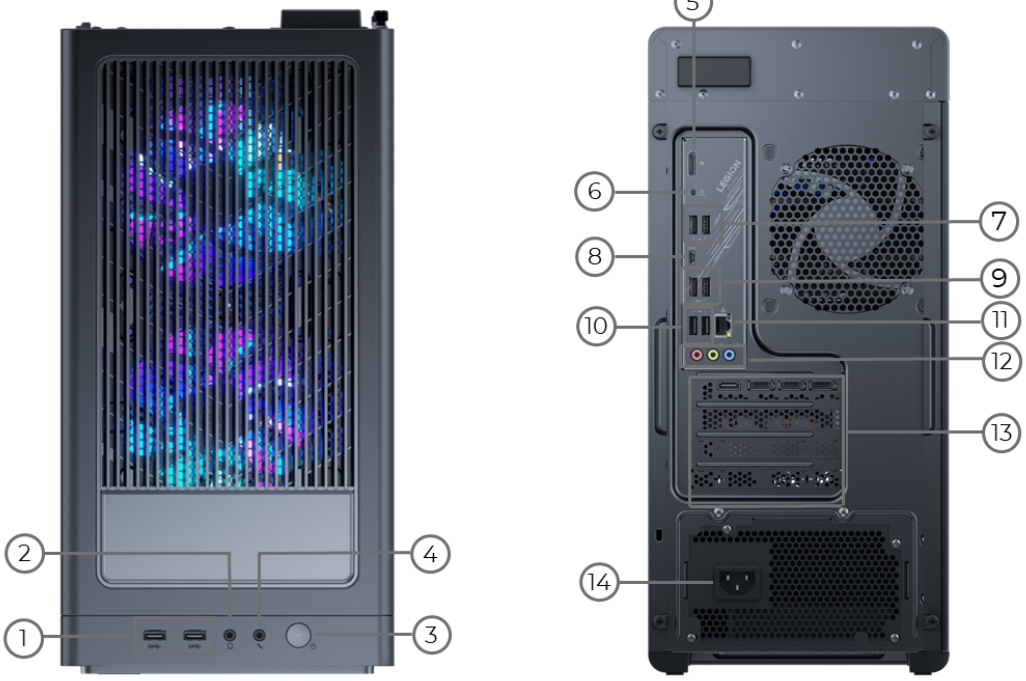
OVERVIEW



1. 2x USB-A (USB 5Gbps)	8. USB-C (USB 10Gbps)
2. Headphone jack (3.5mm)	9. 2x USB-A (USB 5Gbps)
3. Power button	10. 2x USB-A (Hi-Speed USB)
4. Microphone jack (3.5mm)	11. Ethernet (RJ-45)
5. DisplayPort 1.4	12. 3x Audio connectors
6. Lighting switch	13. Optional ports on expansion cards *
7. 2x USB-A (Hi-Speed USB)	14. Power connector

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

13th Generation Intel® Core™ i7 or 14th Generation Intel® Core™ i7 / i9 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i7-13650HX	14 (6 P-core + 8 E-core)	20	P-core 2.6GHz / E-core 1.9GHz	P-core 4.9GHz / E-core 3.6GHz	24MB Intel® Smart Cache	Intel® UHD Graphics
Core i7-14650HX	16 (8 P-core + 8 E-core)	24	P-core 2.2GHz / E-core 1.6GHz	P-core 5.2GHz / E-core 3.7GHz	30MB Intel® Smart Cache	Intel® UHD Graphics
Core i9-14900HX	24 (8 P-core + 16 E-core)	32	P-core 2.2GHz / E-core 1.6GHz	P-core 5.8GHz / E-core 4.1GHz	36MB Intel® Smart Cache	Intel® UHD Graphics

Operating System

Operating System**

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

Graphics

Graphics**[1]

Graphics	Type	Memory	AI TOPS (Peak)	Max Resolution	Connector	Key Features
Intel® UHD Graphics	Integrated	Shared	-	5120x2160@60Hz(DP)	1x DP 1.4	DirectX® 12.1
NVIDIA® GeForce RTX™ 4060	Discrete	8G GDDR6	242	7680x4320@60Hz with DSC, HDR(HDMI®), 7680x4320@60Hz with DSC, HDR(DP)	1x HDMI® 2.1a FRL, 3x DP 1.4a	DirectX® 12
NVIDIA® GeForce RTX™ 4060 Ti	Discrete	8G GDDR6	353	7680x4320@60Hz with DSC, HDR(HDMI®), 7680x4320@60Hz with DSC, HDR(DP)	1x HDMI® 2.1a FRL, 3x DP 1.4a	DirectX® 12
NVIDIA® GeForce RTX™ 4070 SUPER	Discrete	12G GDDR6X	568	7680x4320@60Hz with DSC, HDR(HDMI®), 7680x4320@60Hz with DSC, HDR(DP)	3x DP 1.4a, 1x HDMI® 2.1a FRL	DirectX® 12
NVIDIA® GeForce RTX™ 4070 Ti SUPER 16GB	Discrete	16G GDDR6X	706	7680x4320@60Hz with DSC, HDR(HDMI®), 7680x4320@60Hz with DSC, HDR(DP)	3x DP 1.4a, 1x HDMI® 2.1a FRL	DirectX® 12
NVIDIA® GeForce RTX™ 5060 Ti	Discrete	8G GDDR7	759	7680x4320@120Hz with DSC(HDMI®); 7680x4320@165Hz with DSC(DP)[2]	3x DP 2.1b UHBR20, 1x HDMI® 2.1b FRL	DirectX® 12
NVIDIA® GeForce RTX™ 5070	Discrete	12G GDDR7	988	7680x4320@120Hz with DSC(HDMI®); 7680x4320@165Hz with DSC(DP)[3]	3x DP 2.1b UHBR20, 1x HDMI® 2.1b FRL	DirectX® 12
AMD Radeon™ RX 7600	Discrete	8GB GDDR6	-	7680x4320@60Hz(HDMI®), 7680x4320@120Hz(DP)	3x DP 1.4a, 1x HDMI® 2.1 FRL	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).

[2], [3] DSC. Up to 8K 12-bit HDR at 165Hz with DP 2.1b, DSC. Up to 8K 12-bit HDR at 120Hz With HDMI® 2.1b.

Monitor Support

Monitor Support

Supports up to 5 independent displays (one onboard port and four discrete graphics ports)

Chipset

Chipset

Intel® HM770 chipset

Memory

Max Memory[1]

Up to 64GB DDR5-5600

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Memory Type

DDR5-5600[2]

Memory Protection

Non-ECC

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.
[2] Installed memory is actually DDR5-5600 but may run as DDR5-4800 depending on the memory support capability of Intel®.

Storage

Max Storage Support[1]

Up to four drives, 2x 3.5" HDD + 2x M.2 SSD
• 3.5" HDD bay only for customer self upgrade
• M.2 SSD up to 2TB each

Storage Type

Disk Type	Interface
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4

RAID

No support

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® ALC897-Q codec

Speakers

No speakers

Power Supply

Power Supply**

Power	Type	Efficiency	Key Features
500W	Fixed	88%	100V - 240V
850W	Fixed	90%	100V - 240V

DESIGN

Input Device

Keyboard

- Lenovo® Calliope Keyboard (USB connector), black
- No keyboard

Mouse

- Lenovo® Calliope Mouse (USB connector), black
- No mouse

Mechanical

Form Factor

Tower (26L)

Dimensions (WxDxH)[1]

205 x 396.9 x 425.9 mm (8.1 x 15.62 x 16.76 inches)

Packaging Dimensions (WxDxH)

325 x 502 x 580 mm (12.79 x 19.76 x 22.83 inches)

Weight[2]

14 kg (30.86 lbs)

Packaging Weight

All models: Around 16 kg (35.27 lbs)

Case Color

Storm grey

Chassis**

- Normal side cover
- Transparent side cover and inner decorate cover

Bays

1x 3.5″ disk bay

Expansion Slots

- One PCIe® 4.0 x16
- One PCIe® 3.0 x4
- Three M.2 slots (one for WLAN, two for SSDs)

Cooling System (Fan & Cooler)***

- 150W airflow 120MM-Fan cooler + 2x front system fan with ARGB
- 150W airflow 120MM-Fan cooler with ARGB Light + 2x top system fan with ARGB + 2x front system fan with ARGB
- 150W airflow 120MM-Fan cooler + 2x top system fan with ARGB + 2x front system fan with ARGB
- 150W airflow 120MM-Fan cooler with ARGB Light + 2x front system fan with ARGB
- Integration CPU FAN cooler
- None

System Lighting

Legion Wordmark iconic LED

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® 5.2, M.2 card

Onboard Ethernet

2.5GbE, Realtek® RTL8125BG Gaming 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]

Rear Ports[2]

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x DisplayPort™ 1.4
- 1x Ethernet (2.5GbE RJ-45)
- 1x power connector
- 3x audio out (5.1 channel)
- 4x USB 2.0

Top Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x headphone (3.5mm)
- 1x microphone (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.
[2] For video ports on discrete graphics, please see graphics section

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in chipset

BIOS Security

- Administrator password
- Power-on password
- More BIOS security features, please visit BIOS Simulator[1]

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[1]

Base Warranty**

- 1-year courier or carry-in service
- 2-year courier or carry-in service
- 3-year courier or carry-in 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: 10% to 90%

Altitude

- Operating: 0 m (0 ft) to 3048 m (10,000 ft)
- Storage: 0 m (0 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- 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. 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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