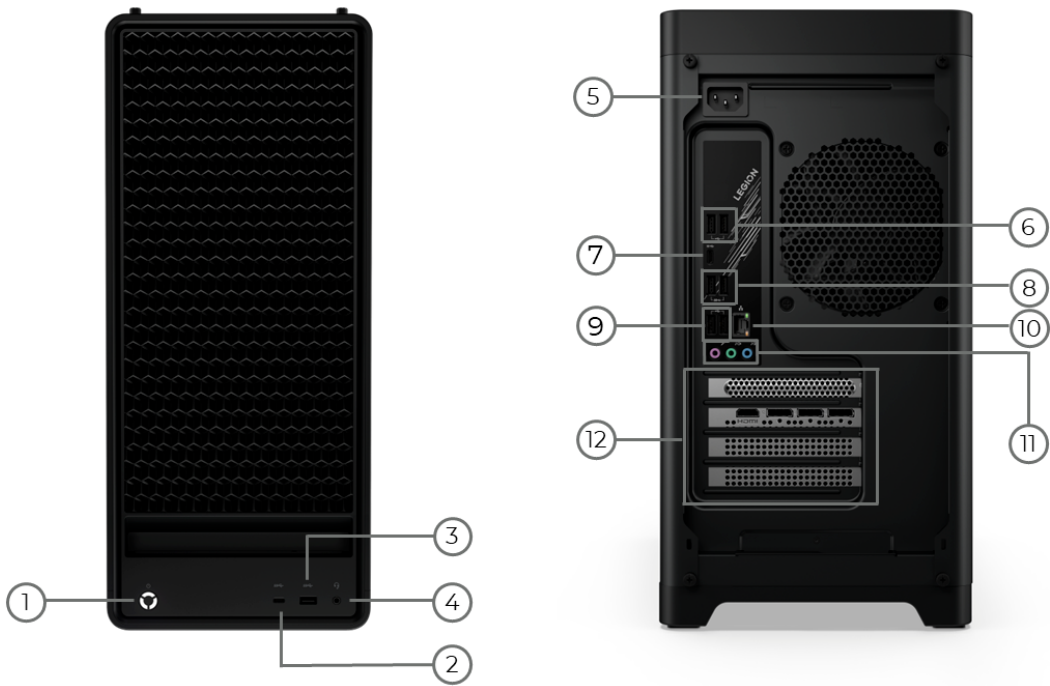


OVERVIEW



1. Power button	7. USB-C (USB 10Gbps)
2. 1x USB-C (USB 5Gbps)	8. 2x USB-A (USB 5Gbps)
3. 1x USB-A (USB 5Gbps)	9. 2x USB-A (Hi-Speed USB)
4. 1x headphone / microphone combo jack (3.5mm)	10. Ethernet (RJ-45)
5. Power connector	11. 3x Audio connectors
6. 2x USB-A (USB 10Gbps)	12. Optional ports on expansion cards *

- Notes:
- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 5 / 7 / 9 7000 Series Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD Ryzen™ 5 7600	6	12	3.8GHz	5.1GHz	6MB L2 / 32MB L3	DDR5-5200	AMD Radeon™ Graphics
AMD Ryzen™ 5 9600	6	12	3.8GHz	5.2GHz	6MB L2 / 32MB L3	DDR5-5600	AMD Radeon™ Graphics
AMD Ryzen™ 7 7700X	8	16	4.5GHz	5.4GHz	8MB L2 / 32MB L3	DDR5-5200	AMD Radeon™ Graphics
AMD Ryzen™ 7 7800X3D	8	16	4.2GHz	5GHz	8MB L2 / 96MB L3	DDR5-5200	AMD Radeon™ Graphics
AMD Ryzen™ 7 9800X3D	8	16	4.7GHz	5.2GHz	8MB L2 / 96MB L3	DDR5-5600	AMD Radeon™ Graphics
AMD Ryzen™ 9 7950X3D	16	32	4.2GHz	5.7GHz	16MB L2 / 128MB L3	DDR5-5200	AMD Radeon™ Graphics

AI (Artificial Intelligence)

AI PC Category

AI-Powered Gaming PC^[1]

Notes:

[1] AI-Powered Gaming PCs feature Lenovo® AI Engine+ and NVIDIA® GeForce RTX™ GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

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	AI TOPS (Peak)	Max Resolution	Connector	Key Features
AMD Radeon™ RX 9060 XT ^[2]	Discrete	16GB GDDR6	-	7680*4320@120HZ with DSC (HDMI®), 7680*4320@144HZ with DSC(DP)	2x DP 2.1a UHBR13.5, 1x HDMI® 2.1b FRL	DirectX® 12, OpenGL 4.6
AMD Radeon™ RX 9070 XT ^[3]	Discrete	16GB GDDR6	-	7680*4320@120HZ with DSC (HDMI®), 7680*4320@144HZ with DSC(DP)	3x DP 2.1a UHBR13.5, 1x HDMI® 2.1b FRL	DirectX® 12, OpenGL 4.6
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	Discrete	12G GDDR6X	568	7680x4320@60Hz with DSC, HDR(HDMI®), 7680x4320@60Hz	3x DP 1.4a, 1x HDMI® 2.1a FRL	DirectX® 12

SUPER				with DSC, HDR(DP)		
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	Discrete	8G GDDR7	614	7680x4320@120Hz with DSC(HDMI®); 7680x4320@165Hz with DSC(DP) ^[4]	3x DP 2.1b UHBR20, 1x HDMI® 2.1b FRL	DirectX® 12
NVIDIA® GeForce RTX™ 5060 Ti	Discrete	8G GDDR7	759	7680x4320@120Hz with DSC(HDMI®); 7680x4320@165Hz with DSC(DP) ^[5]	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) ^[6]	3x DP 2.1b UHBR20, 1x HDMI® 2.1b FRL	DirectX® 12
NVIDIA® GeForce RTX™ 5070Ti	Discrete	16G GDDR7	1406	7680x4320@120Hz with DSC(HDMI®); 7680x4320@165Hz with DSC(DP) ^[7]	3x DP 2.1b UHBR20, 1x HDMI® 2.1b 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] HDMI® 2.1b FRL (FRL12Gbps can only be on any one port), DP 2.1a UHBR13.5(can only be on any one port)

[4], [5], [6], [7] 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 4 independent displays via discrete graphics ports (DP, HDMI®)

Chipset

Chipset

AMD B650 chipset

Memory

Max Memory^[1]

Up to 32GB DDR5-5600

Memory Slots

Four DDR5 UDIMM 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 5600MHz, but may run at 5200MHz/3600MHz or other frequency depending on the memory support capability of AMD

Storage

Max Storage Support^[1]

- Up to four drives, 1x 3.5" HDD + 3x M.2 SSD
- 3.5" HDD up to 2TB
 - M.2 SSD up to 2TB each

Storage Type**

Disk Type	Interface	RPM
3.5" SATA HDD	SATA 6Gb/s	7.2K

M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	-
--------------	---------------------------	---

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
500W	Fixed	85%	100V - 240V
850W	Fixed	90%	100V - 240V

DESIGN

Input Device

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

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

Mechanical

Form Factor
Tower (30L)

Dimensions (WxDxH)
211 x 490.4 x 413.5 mm (8.3 x 19.3 x 16.28 inches)

Packaging Dimensions (WxDxH)
321 x 596 x 549 mm (12.63 x 23.46 x 21.61 inches)

Weight^[1]
Around 15 kg (33.06 lbs)

Packaging Weight
All models: Around 17 kg (37.47 lbs)

Case Color
Eclipse black

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

Expansion Slots

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

Cooling System (Fan & Cooler)**

- 1x rear system fan + 2x top system fan
- 1x rear system fan with ARGB + 2x bottom system fan with ARGB
- 1x Rear system fan with ARGB + 2x Top system fan with ARGB + 2x bottom system fan with ARGB
- 1x rear system fan with ARGB + 2x top system fan with ARGB
- 1x rear system fan
- 1x rear system fan with ARGB
- 65W airflow 80MM-Fan, SSD Heatsink, PCH Heatsink
- 65W airflow 80MM-Fan, M.2 SSD DECO Mylar® Heatsink, PCH Heatsink, VRM Heatsink
- 65W airflow 80MM-Fan cooler airflow, PCH Heatsink
- 150W airflow 120MM-Fan with ARGB light, M.2 SSD DECO Mylar® Heatsink, PCH Heatsink, VRM Heatsink
- 150W airflow 120MM-Fan with ARGB light, PCH Heatsink, SSD Heatsink, VRM Heatsink
- 150W airflow 120MM-Fan cooler with ARGB light, SSD Heatsink, PCH Heatsink
- 150W airflow 120MM-Fan cooler with ARGB light, PCH Heatsink
- 150W airflow 120MM-Fan cooler with ARGB light, VRM Heatsink, PCH Heatsink
- 200W liquid 2x 120MM-Fan with ARGB light, SSD Heatsink, PCH Heatsink
- 200W liquid 2x 120MM-Fan with ARGB light, VRM Heatsink, PCH Heatsink
- 200W liquid 2x 120MM-Fan with ARGB light, PCH Heatsink, SSD Heatsink, VRM Heatsink

System Lighting

- Legion Logo Lighting
- None

Notes:

[1] 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® 6E, 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^[2]

Onboard Ethernet

2.5GbE, Realtek® RTL8125BGS 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.

[2] The bandwidth of WiFi 7 adapter is 160 MHz.

Ports^[1]

Rear Ports^[2]

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

Top Ports

- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)

- 1x headphone / microphone combo jack (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^[1]

Firmware TPM 2.0 integrated in chipset

BIOS Security

- Administrator password
- Hard disk password

Notes:

[1] For video ports on discrete graphics, please see [graphics section](#)

SERVICE

Warranty^[1]

Base Warranty**

- 1-year mail-in service
- 1-year courier or carry-in service
- 1-year limited onsite 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% (non-condensing)
- Storage: 10% to 90% (non-condensing)

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.
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.
- The specifications on this page may not be available in all regions, and may be changed or updated without notice.



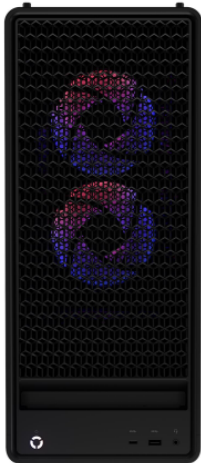
AMD



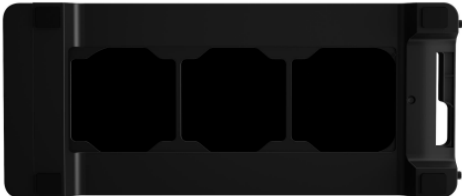
AMD



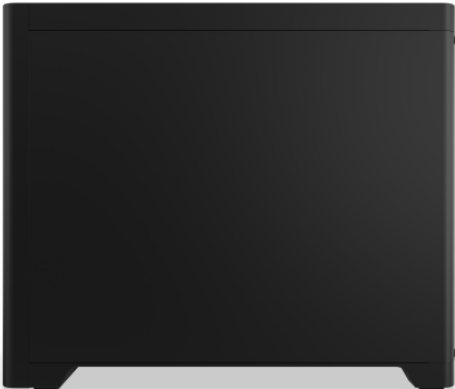
AMD



AMD



AMD



AMD