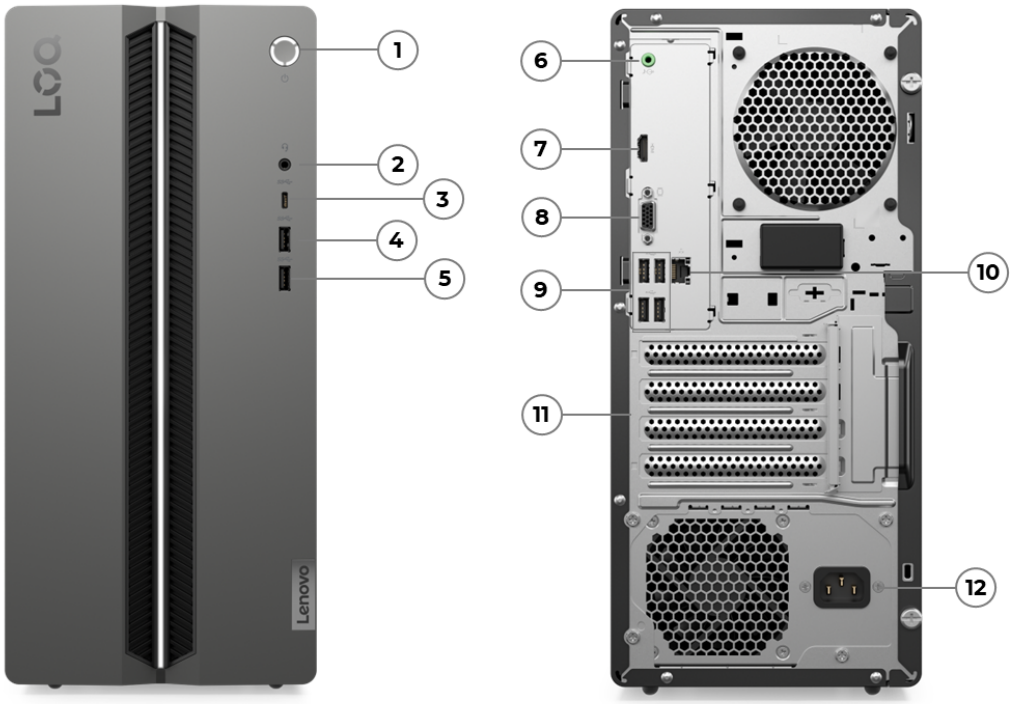
OVERVIEW



1. Power button	7. HDMI 2.1 TMDS
2. Headphone / microphone combo jack (3.5mm)	8. VGA
3. USB-C (USB 5Gbps), with 15W charging	9. 4x USB-A (Hi-Speed USB)
4. USB-A (USB 5Gbps)	10. Ethernet (RJ-45)
5. USB-A (USB 5Gbps)	11. Optional ports on expansion cards
6. Headphone (3.5mm)	12. Power connector

PERFORMANCE

Processor

Processor Family

13th / 14th Generation Intel® Core™ i5 / i7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core™ i5-14400	10 (6 P-core + 4 E-core)	16	P-core 2.5GHz / E-core 1.8GHz	P-core 4.7GHz / E-core 3.5GHz	20MB	Intel® UHD Graphics 730
Core™ i5-14400F	10 (6 P-core + 4 E-core)	16	P-core 2.5GHz / E-core 1.8GHz	P-core 4.7GHz / E-core 3.5GHz	20MB	-
Core™ i7-14700	20 (8 P-core + 12 E-core)	28	P-core 2.1GHz / E-core 1.5GHz	Max Turbo up to 5.4GHz / P-core 5.3GHz / E-core 4.2GHz	33MB	Intel® UHD Graphics 770
Core™ i7-14700F	20 (8 P-core + 12 E-core)	28	P-core 2.1GHz / E-core 1.5GHz	Max Turbo up to 5.4GHz / P-core 5.3GHz / E-core 4.2GHz	33MB	-

Operating System

Operating System**

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

Graphics

Graphics**

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel® UHD graphics 730	Integrated	Shared	1x VGA, 1x HDMI® 2.1 TMDS	2048*1536@50Hz(VGA), 3840x2160@60Hz(HDMI®)	DirectX® 12
Intel® UHD graphics 770	Integrated	Shared	1x VGA, 1x HDMI® 2.1 TMDS	2048*1536@50Hz(VGA), 3840x2160@60Hz(HDMI®)	DirectX® 12
NVIDIA® GeForce RTX™ 3050	Discrete	6GB GDDR6	1x HDMI® 2.1 FRL, 1x DP 1.4, 1x DVI	7680x4320@60Hz(HDMI®), 7680x4320@120Hz(DP), 2560x1660@60Hz(DVI)	DirectX® 12
NVIDIA® GeForce RTX™ 4060	Discrete	8G GDDR6	1x HDMI® 2.1a FRL, 3x DP 1.4a	7680x4320@60Hz(HDMI®), 7680x4320@120Hz(DP)	DirectX® 12
NVIDIA® GeForce RTX™ 4060 Ti	Discrete	8G GDDR6	1x HDMI® 2.1a FRL, 3x DP 1.4a	7680x4320@60Hz(HDMI®), 7680x4320@120Hz(DP)	DirectX® 12

Monitor Support

Monitor Support

Supports up to 4 independent displays via discrete graphics

Chipset

Chipset

Intel® B760 chipset

Memory

Max Memory[1]

Up to 32GB DDR5-5600

Memory Slots

Two DDR5 UDIMM slots, dual-channel capable

Memory Type**[2]

- DDR5-4800
- DDR5-5600

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 4800MHz, or 5600MHz depending on the memory support capability of processor.

Storage

Storage Support[1]

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

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	-

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® ALC623-CG codec

Speakers

No speakers

Power Supply

Power Supply**

Power	Type	Efficiency	Key Features
300W	Fixed	90%	100-240V, 50-60Hz
310W	Fixed	92%	100-240V, 50-60Hz
380W	Fixed	92%	100-240V, 50-60Hz
500W	Fixed	92%	100-240V, 50-60Hz

DESIGN

Input Device

Keyboard

- Lenovo® Calliope Keyboard (USB connector), black
- None

Mouse

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

Mechanical

Form Factor

Tower (17L)

Dimensions (WxDxH)[1]

170 x 279 x 376 mm (6.7 x 10.98 x 14.8 inches)

Packaging Dimensions (WxDxH)

270 x 525 x 395 mm (10.62 x 20.66 x 15.55 inches)

Weight[2]

Around 8.0 kg (17.6 lbs)

Packaging Weight

All models: Around 11.1 kg (24.47 lbs)

Case Color

Luna grey

Bays

1x 3.5″ disk bay

Expansion Slots

- One PCIe® 4.0 x16, full height
- One PCIe® 3.0 x1, full height
- Two M.2 slots (one for WLAN, one for SSD)

Cooling System (Fan & Cooler)**

- (Optional) 1x rear system fan
- (Optional) 1x front system fan, 1x rear system fan

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

Onboard Ethernet

Gigabit Ethernet, 1x RJ-45

WLAN + Bluetooth®**

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card[1]
- Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card[2]
- No WLAN and Bluetooth®

Notes:

[1] Bluetooth® 5.2 requires Windows® 11.

[2] Bluetooth® 5.3 requires Windows® 11.

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)

Rear Ports[2]

- 1x HDMI® 2.1 TMDS
- 1x VGA

- 1x Ethernet (RJ-45)
- 1x headphone (3.5mm)
- 1x power connector
- 4x USB-A (Hi-Speed USB / USB 2.0)

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.
[2] For video ports on discrete graphics, please see graphics section.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in processor

BIOS Security

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

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://pcsupport.lenovo.com/warranty.

ENVIRONMENTAL

Operating Environment

Temperature

- Operating: 10°C (50°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

- (Optional) 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.

- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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