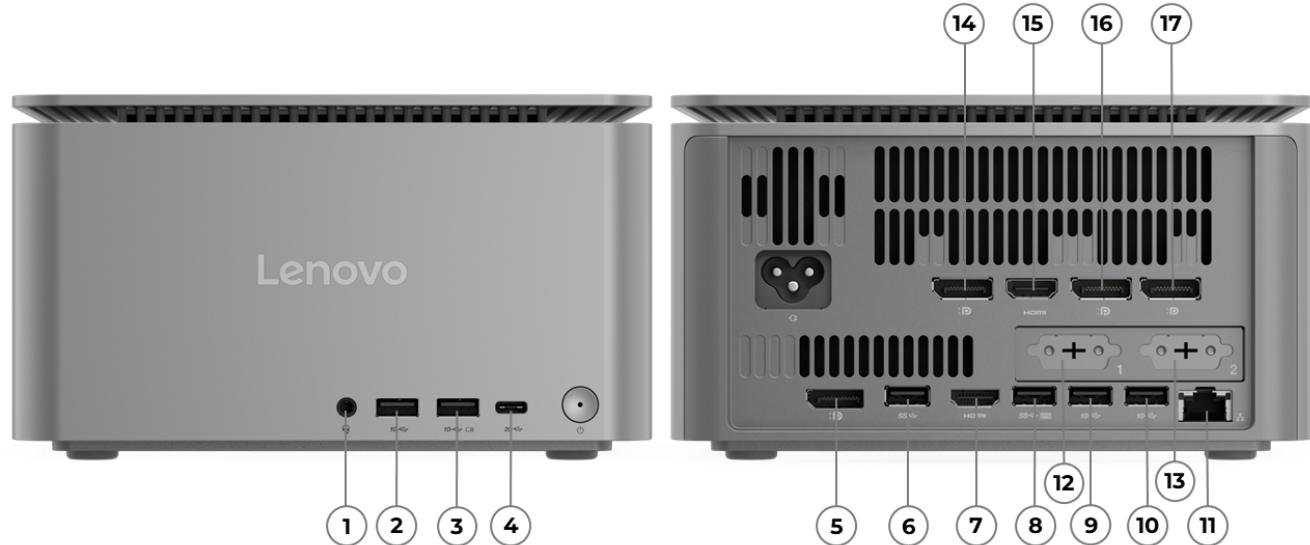


## OVERVIEW



1. Headphone / microphone combo jack (3.5mm)	10. USB-A (USB 10Gbps)
2. USB-A (USB 10Gbps)	11. Ethernet (GbE RJ-45)
3. USB-A (USB 10Gbps), Always On	12. Punch out port 1 *
4. USB-C (USB 20Gbps)	13. Punch out port 2 *
5. DisplayPort 1.4a	14. DisplayPort 1.4a
6. USB-A (USB 5Gbps)	15. HDMI 2.1a FRL
7. HDMI 2.1 TMDS	16. DisplayPort 1.4a
8. USB-A (USB 5Gbps)	17. DisplayPort 1.4a
9. USB-A (USB 10Gbps)	

### Notes:

- Items with \* are only available on selected models

## PERFORMANCE

### Processor

#### Processor Family

14th Generation Intel® Core™ i5 / i7 / i9 Processor

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics	Intel® vPro® Eligibility
Core i5-14500	14 (6 P-core + 8 E-core)	20	P-core 2.6GHz / E-core 1.9GHz	P-core 5.0GHz / E-core 3.7GHz	11.5MB L2 Cache / 24MB Intel® Smart Cache	DDR5-4800	Intel® UHD Graphics 770	Intel® vPro® Enterprise
Core i5-14500T	14 (6 P-core + 8 E-core)	20	P-core 1.7GHz / E-core 1.2GHz	P-core 4.8GHz / E-core 3.4GHz	11.5MB L2 Cache / 24MB Intel® Smart Cache	DDR5-4800	Intel® UHD Graphics 770	Intel® vPro® Enterprise
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	28MB L2 Cache / 33MB Intel® Smart Cache	DDR5-5600	Intel® UHD Graphics 770	Intel® vPro® Enterprise
Core i7-14700T	20 (8 P-core + 12 E-core)	28	P-core 1.3GHz / E-core 0.9GHz	Max Turbo up to 5.2GHz / P-core 5.0GHz / E-core 3.7GHz	28MB L2 Cache / 33MB Intel® Smart Cache	DDR5-5600	Intel® UHD Graphics 770	Intel® vPro® Enterprise
Core i9-14900	24 (8 P-core + 16 E-core)	32	P-core 2.0GHz / E-core 1.5GHz	Max Turbo up to 5.8GHz / P-core 5.4GHz / E-core 4.3GHz	32MB L2 Cache / 36MB Intel® Smart Cache	DDR5-5600	Intel® UHD Graphics 770	Intel® vPro® Enterprise
Core i9-14900T	24 (8 P-core + 16 E-core)	32	P-core 1.1GHz / E-core 0.8GHz	Max Turbo up to 5.5GHz / P-core 5.1GHz / E-core 4.0GHz	32MB L2 Cache / 36MB Intel® Smart Cache	DDR5-5600	Intel® UHD Graphics 770	Intel® vPro® Enterprise

### AI (Artificial Intelligence)

#### AI PC Category

AI PC<sup>[1]</sup>

#### NPU

- Discrete NPU card, up to 30 TOPS
- None

Notes:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft® Copilot key or using Win + C.

### Operating System

#### Operating System\*\*

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

### Graphics

#### Graphics\*\*\*<sup>[1]</sup>

Graphics	Type	Memory	AI TOPS (Peak)	Max Resolution	Connector	Key Features

Intel® UHD graphics 770	Integrated	Shared	-	4096x2160@60Hz(HDMI®), 1920x1200@60Hz(VGA), 4096x2304@60Hz(DP)	1x HDMI® 2.1 TMDS, 1x DP 1.4a (HBR2, DSC), 2x optional punch out ports (2x HDMI® / VGA / DP)	DirectX® 12
NVIDIA® GeForce RTX™ 4060	Discrete	8G GDDR6	242	7680x4320@60Hz(HDMI®), 7680x4320@60Hz(DP)	1x HDMI® 2.1a FRL, 3x DP 1.4a (HBR3, DSC)	DirectX® 12, OpenGL 4.6

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 8 independent displays. 4 displays support via onboard ports (1x DP, 1x HDMI® + 2x optional port [VGA / DP / HDMI®]), 4 displays support via discrete graphics ports (3x DP + 1x HDMI®)

## Chipset

### Chipset

Intel® Q670 chipset

## Memory

### Max Memory<sup>[1]</sup>

Up to 64GB DDR5-5200

### Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

### Memory Type

- DDR5-4800
- DDR5-5200
- DDR5-5600

### Memory Protection

Non-ECC

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

## Storage

### Max Storage Support<sup>[1]</sup>

Dual SSD mode: up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 2TB

### Storage Type\*\*\*

Disk Type	Interface	Security
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	Opal 2.0
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4 Performance	Opal 2.0

## RAID

RAID 0/1 support for SSDs

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

### Speakers

Single speaker, 2W x1

## Power Supply

### Power Supply

Power	Type	Key Features
350W	Fixed	100-240V, 50-60Hz

## DESIGN

## Input Device

### Keyboard\*\*

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

### Mouse\*\*

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

## Mechanical

### Form Factor

Tiny (3.6L)

### Dimensions (WxDxH)<sup>[1]</sup>

195 x 191 x 108 mm (7.68 x 7.52 x 4.25 inches)

### Packaging Dimensions (WxDxH)

538 x 240 x 290 mm (21.18 x 9.45 x 11.42 inches)

### Weight<sup>[2]</sup>

Around 3.5 kg (7.72 lbs)

### Packaging Weight

Around 5.7 kg (12.57 lbs)

### Case Color

Luna grey

### Expansion Slots

Four M.2 slots (one for WLAN, one for AI Card, two for SSD)

### EOU

EOU design for M.2 SSD and memory installation.

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®\*\*<sup>[1]</sup>

- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, Intel® vPro® technology support, M.2 card<sup>[2]</sup>
- Intel® Wi-Fi® 7 BE200, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.3 (Bluetooth® 5.4 hardware ready), Intel® vPro® technology support, M.2 card<sup>[3]</sup>
- No WLAN and Bluetooth®

### Onboard Ethernet

Gigabit Ethernet, Intel® Ethernet Connection I219-LM, 1x RJ-45, supports Wake-on-LAN

### Optional Ethernet

- 2.5 Gigabit Ethernet, Realtek® RTL8125BGS, 1x RJ-45, supports Wake-on-LAN
- No optional Ethernet

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], [3] Intel® vPro® platform requires the hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. For detailed vPro® support information, please refer to the System Management section.

## Ports<sup>[1]</sup>

### Front Ports

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports 5V@2.1A charging
- 1x headphone / microphone combo jack (3.5mm)

### Rear Ports<sup>[2]</sup>

- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x HDMI® 2.1 TMDS
- 1x HDMI® 2.1a FRL
- 4x DisplayPort™ 1.4a
- 1x Ethernet (GbE RJ-45)

### Optional Rear Ports

- Punch out port 1 (one of VGA / DisplayPort™ / HDMI® / serial / USB-C® (USB 5Gbps) with DisplayPort™ function)
- Punch out port 2 (one of VGA / DisplayPort™ / HDMI® / serial / 2.5GbE RJ-45)

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

#### Physical Locks

Kensington® Security Slot™

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

- Administrator password
- Hard disk password
- Power-on password
- Absolute persistence module
- Boot sequence control
- Boot without keyboard and mouse
- Configuration change detection
- Individual USB port disablement
- Intel® BIOS guard
- Secure wipe
- Secure boot
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- More BIOS security features, please visit [BIOS Simulator<sup>\[1\]</sup>](#)

#### 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.

## MANAGEABILITY

### System Management

#### System Management<sup>[1][2]</sup>

- Intel® vPro® Enterprise
- Non-vPro®

#### Notes:

[1] Intel® vPro® offers a superset of DASH's defined capabilities.

[2] Intel® vPro® platform require an eligible Intel® processor, a supported operating system, Intel® LAN and/or WLAN silicon, firmware enhancements, and other hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. See [Intel® vPro® Platform](#) for details.

## SERVICE

### Warranty<sup>[1]</sup>

#### Base Warranty\*\*

- 1-year courier or carry-in service
- 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: 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)

## ENVIRONMENTAL

## Sustainability

### Material

50% Recycled & 50% Hydroelectric Aluminum  
35% PCC recycled PC/ABS with coconut shell powder  
85% PCC recycled ABS used in product chassis  
95% PCC recycled ABS used in USB keyboard/mouse  
90% PIC recycled plastic EPE cushion  
30% OBP used in bag  
FSC certified paper in packaging

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications

- (Optional) ENERGY STAR® 8.0
- (Optional) EPEAT™ Gold Registered
- ERP Lot 3
- GREENGUARD®
- RoHS compliant
- TCO Certified

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>.

### Other Certifications

#### Other Certifications

(Optional) TÜV Rheinland® Low Noise

- 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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