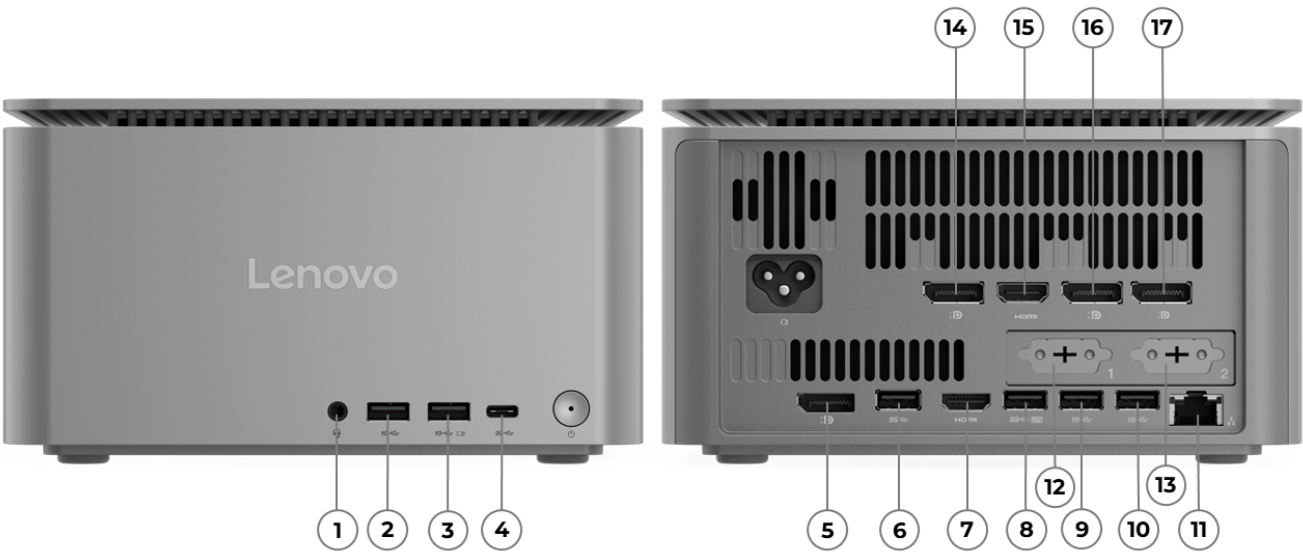


OVERVIEW



| | |
|----------------------------------------------|--------------------------|
| 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^[1]

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***^[1]

| 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^[1]

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^[1]

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)^[1]

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^[2]

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®**^[1]

- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, Intel® vPro® technology support, M.2 card^[2]
- 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^[3]
- 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^[1]**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^[2]

- 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](#)^[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.

MANAGEABILITY

System Management

System Management^{[1][2]}

- 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^[1]

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^[1]

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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