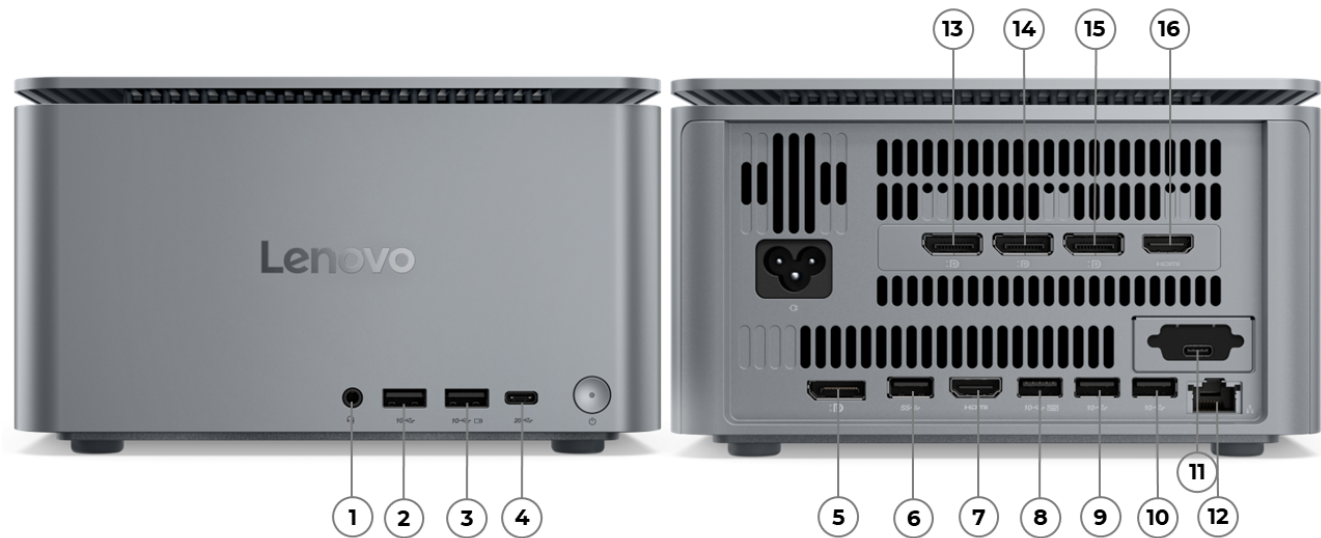


OVERVIEW



1. Headphone / microphone combo jack (3.5mm)	9. USB-A (USB 10Gbps)
2. USB-A (USB 10Gbps)	10. USB-A (USB 10Gbps)
3. USB-A (USB 10Gbps), Always On	11. USB-C (Thunderbolt 4)
4. USB-C (USB 20Gbps)	12. Ethernet (GbE RJ-45)
5. DisplayPort 1.4b	13. DisplayPort 2.1b
6. USB-A (USB 5Gbps)	14. DisplayPort 2.1b
7. HDMI 2.1 TMDs	15. DisplayPort 2.1b
8. USB-A (USB 10Gbps), with Smart Power On	16. HDMI 2.1b FRL

PERFORMANCE

Processor

Processor Family

Intel® Core™ Ultra 5 / 7 / 9 Processor (Series 2)

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU	Overall TOPS
Core Ultra 5 235	14 (6 P-core + 8 E-core)	14	P-core 3.4GHz / E-core 2.9GHz	P-core 5.0GHz / E-core 4.4GHz	26MB L2 Cache / 24MB Intel® Smart Cache	Intel® Graphics	Intel® AI Boost, up to 13 TOPS	Up to 27 TOPS
Core Ultra 7 265	20 (8 P-core + 12 E-core)	20	P-core 2.4GHz / E-core 1.8GHz	Max Turbo up to 5.3GHz / P-core 5.2GHz / E-core 4.6GHz	36MB L2 Cache / 30MB Intel® Smart Cache	Intel® Graphics	Intel® AI Boost, up to 13 TOPS	Up to 33 TOPS
Core Ultra 9 285	24 (8 P-core + 16 E-core)	24	P-core 2.5GHz / E-core 1.9GHz	Max Turbo up to 5.6GHz / P-core 5.4GHz / E-core 4.6GHz	40MB L2 Cache / 36MB Intel® Smart Cache	Intel® Graphics	Intel® AI Boost, up to 13 TOPS	Up to 36 TOPS

AI (Artificial Intelligence)

AI PC Category

AI PC^[1]

NPU***

- (Optional) Discrete NPU card, up to 30 TOPS
- Integrated Intel® AI Boost, up to 13 TOPS

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**

Graphics	Type	Memory	AI TOPS (Peak)	Max Resolution	Connector	Key Features
Intel® Graphics	Integrated	Shared	-	3840x2160@60Hz(DP), 3840x2160@60Hz(HDMI®)	1x HDMI® 2.1 TMDS, 1x DP 1.4b	DirectX® 12
NVIDIA® GeForce RTX™ 5060	Discrete	8G GDDR7	614	7680x4320@120Hz with DSC(HDMI®); 7680x4320@165Hz with DSC(DP)	3x DP 2.1b, 1x HDMI® 2.1b FRL	DirectX® 12, OpenGL 4.6

Monitor Support

Monitor Support

Supports up to 7 independent displays. 3 displays support via onboard ports (1x DP, 1x HDMI®, 1x thunderbolt), 4 displays support via discrete graphics ports (3x DP + 1x HDMI®)

Chipset

Chipset

Intel® Q870 chipset

Memory

Max Memory^[1]

Up to 64GB DDR5-5600

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type

DDR5-5600

Notes:

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

Storage

Max Storage Support^[1]

Up to four drives, 4x M.2 SSD

- M.2 SSD up to 2TB each^[2]

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

Notes:

[1] The max capacity of each disk type is based on the test results with current Lenovo® storage offerings.

[2] Discrete NPU and 1st SSD are mutually exclusive.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, one of Realtek® ALC233VB / Realtek® ALC256 / Conexant CX11771 codec.

Speakers

Single speaker, 2W x1

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
350W	Fixed	92%	100-240V, 50-60Hz

DESIGN

Input Device

Keyboard**

- Lenovo® Calliope Keyboard (USB connector), black
- Wireless EOS Keyboard, black

- No keyboard

Mouse**

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

Mechanical

Form Factor

Tiny (3.6L)

Dimensions (WxDxH)^[1]

Models	Dimensions
Ultra (without rubber feet)	195 x 191 x 108 mm (7.68 x 7.52 x 4.25 inches)
Ultra (with rubber feet)	195 x 191 x 111 mm (7.68 x 7.52 x 4.37 inches)

Packaging Dimensions (WxDxH)

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

Weight^[2]

Models	Weight
Models with NVIDIA® GeForce RTX™ 5060	Around 3.7 kg (8.2 lbs)

Packaging Weight**

- Models with NVIDIA® GeForce RTX™ 5060 and Calliope Keyboard: Around 5.8 kg (12.8 lbs)
- Models with NVIDIA® GeForce RTX™ 5060 and EOS Keyboard: Around 5.9 kg (13 lbs)

Case Color

Luna grey

Expansion Slots

Five M.2 slots (one for WLAN, four for SSD / discrete NPU)

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®**

- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, Intel® vPro® technology support, M.2 card
- Intel® Wi-Fi® 7 BE200, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, Intel® vPro® technology support, M.2 card
- No WLAN and Bluetooth®

Onboard Ethernet

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

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]

- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer and DisplayPort™ 1.4b)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports Smart Power On

- 1x HDMI® 2.1 TMDs
- 1x HDMI® 2.1b FRL
- 1x DisplayPort™ 1.4b
- 3x DisplayPort™ 2.1b
- 1x Ethernet (GbE 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.

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

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

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
- Never crash Self-healing
- Secure wipe
- Secure boot
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- More BIOS security features, please visit [BIOS Simulator](#)

MANAGEABILITY

System Management

System Management^[1]

- Intel® vPro® Enterprise
- Non-vPro®

Notes:

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

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>.

ACCESSORIES

Bundled Accessories

Bundled Accessories***

- DP to HDMI® dongle
- DP to VGA dongle
- None

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

- (Optional) ENERGY STAR® 9.0
- (Optional) EPEAT™ Gold Registered
- ErP Lot 3
- GREENGUARD®
- RoHS compliant
- TCO Certified 10.0

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.
- 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.

