OVERVIEW



1. USB-C (USB 10Gbps), data transfer and 15W charging	7. USB-A (Hi-Speed USB)
2. Headphone / microphone combo jack (3.5mm)	8. USB-A (USB 10Gbps)
3. HDMI-in 1.4	9. HDMI-out 2.1 TMDS
4. Power-in	10. Kensington Security Slot
5. USB-A (Hi-Speed USB)	11. Power button
6. Ethernet (RJ-45)	12. Camera shutter latch

Notes:

- The Kensington security slot is only available on models launched after 2025/2/10.

PERFORMANCE

Processor

Processor Family

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

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU	Overall TOPS
Core Ultra 5 226V	8 (4 P-core + 4 LP E-core)	8	P-core 2.1GHz / LP E-core 2.1GHz	P-core 4.5GHz / LP E-core 3.5GHz	8MB Intel® Smart Cache	Intel® Arc™ Graphics 130V, up to 53 TOPS	Intel® AI Boost, up to 40 TOPS	Up to 97 TOPS
Core Ultra 7 256V	8 (4 P-core + 4 LP E-core)	8	P-core 2.2GHz / LP E-core 2.2GHz	P-core 4.8GHz / LP E-core 3.7GHz	12MB Intel® Smart Cache	Intel® Arc™ Graphics 140V, up to 64 TOPS	Intel® AI Boost, up to 47 TOPS	Up to 115 TOPS

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® Arc™ Graphics 130V	Integrated	Shared	53 TOPS	4096x2160@60Hz(HDMI®)	1x HDMI® 2.1 TMDS	DirectX® 12
Intel® Arc™ Graphics 140V	Integrated	Shared	64 TOPS	4096x2160@60Hz(HDMI®)	1x HDMI® 2.1 TMDS	DirectX® 12

Monitor Support

Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI®

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory[1]

16GB soldered LPDDR5X-8533 MoP, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR5X-8533, MoP (Memory on Package) memory

Notes:

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

Storage

Max Storage Support[1]

One drive, up to 1TB M.2 SSD

Storage Type**

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

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® ALC233 codec

Speakers

Stereo speakers, 3W x2, Audio by HARMAN

Microphone

Dual-microphone array

Camera

5.0MP

Power Supply

Power Supply**

Power	Type	Efficiency	Key Features
90W	Adapter	89%	Autosensing
135W	Adapter	90%	Autosensing

DESIGN

Display

Display**[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
23.8"	FHD (1920x1080)	Multi-touch	IPS	250nits	Anti-glare	16:9	1300:1	99% sRGB	100Hz	89° / 89° / 89° / 89°	14ms response time, borderless design, low blue light, flicker free
23.8"	FHD (1920x1080)	Non-touch	IPS	250nits	Anti-glare	16:9	1300:1	99% sRGB	100Hz	89° / 89° / 89° / 89°	14ms response time, borderless design, low blue light, flicker free

Touchscreen

- 10-point multi-touch
- Non-touch

Notes:

[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

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

AIO (23.8 inches)

Dimensions (WxDxH)[1]

539.5 x 192.1 x 431.17 mm (21.24 x 7.56 x 16.98 inches)

Packaging Dimensions (WxDxH)

670 x 229 x 553 mm (26.38 x 9.02 x 21.77 inches)

Weight[2]

Around 6.0 kg (13.23 lbs)

Packaging Weight

Around 9.55 kg (21.05 lbs)

Case Color

Luna grey

Expansion Slots

Two M.2 slots (one for WLAN, one for SSD)

Stand

Monitor stand, supports -5° to +15° tilt.

Mounting

None

Others

(Optional) Wireless charger 15W

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]

- MediaTek Wi-Fi® 6 MT7920, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- No WLAN and Bluetooth®

Onboard Ethernet

Gigabit Ethernet, Realtek® RTL8111H, 1x RJ-45, supports Wake-on-LAN

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.

Ports[1]

Rear Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 1x HDMI® 2.1 TMDS
- 1x HDMI®-in
- 1x Ethernet (RJ-45)
- 1x power connector

Left Ports

- 1x headphone / microphone combo jack (3.5mm)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer and 15W charging

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.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

BIOS Security

- Administrator password
- Boot sequence control
- Boot without keyboard and mouse
- Intel® BIOS guard
- Never crash Self-healing
- Secure boot
- More BIOS security features, please visit BIOS Simulator

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: -20°C (-4°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)

ENVIRONMENTAL

Sustainability

Material

65% PCC ABS bezel
95% PCC recycled plastic 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® 9.0
- ErP Lot 3/7
- GREENGUARD®
- RoHS / WEEE / REACH

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® Ultra 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.
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