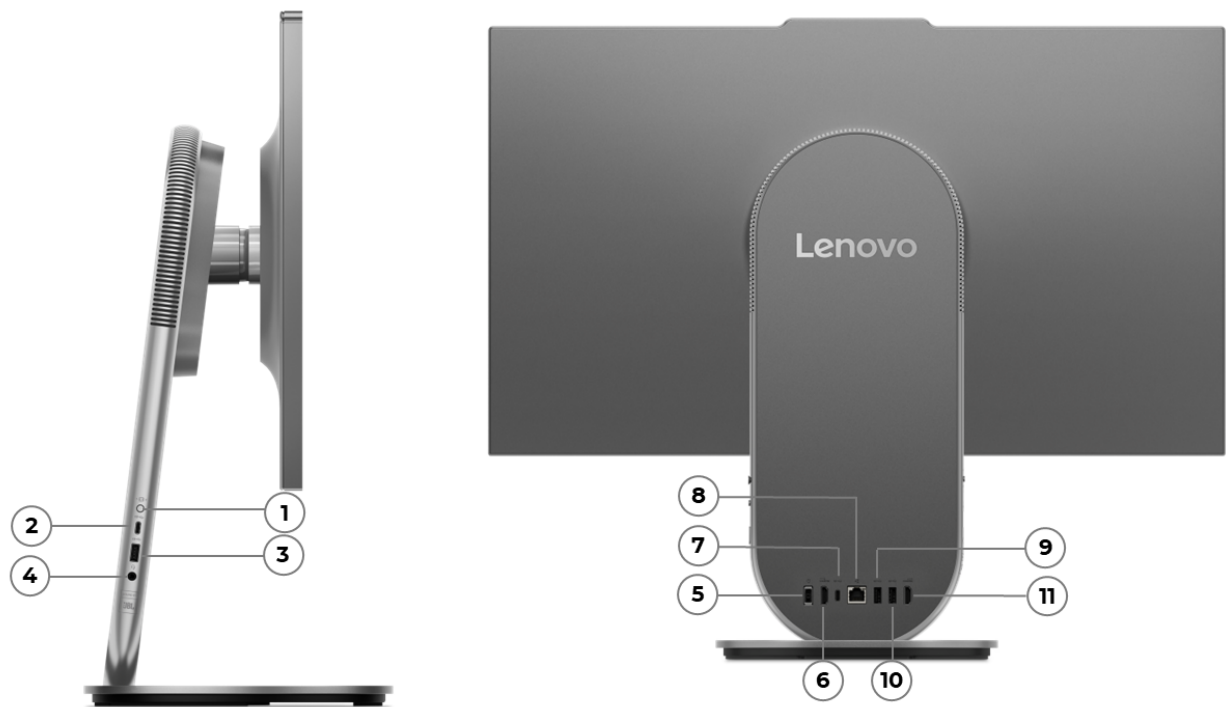


OVERVIEW



1. 1x Switch button	7. 1x USB-C (USB 10Gbps / 3.2 Gen 2)
2. 1x USB-C (USB 10Gbps / USB 3.2 Gen 2)	8. 1x Ethernet (RJ-45)
3. 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)	9. 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
4. 1x headphone / microphone combo jack (3.5mm)	10. 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
5. 1x power connector	11. 1x HDMI-out 2.1 TMDS
6. 1x HDMI-in 2.1	

PERFORMANCE

Processor

Processor Family

Intel® H series 5 Processor (Series 1) or Intel® H Series Core 7 / 9 Processor (Series 2)

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU	Overall TOPS
Core Ultra 7 255H	16 (6 P-core + 8 E-core + 2 LP E-core)	16	P-core 2.0GHz / E-core 1.5GHz / LP E-core 700MHz	P-core 5.1GHz / E-core 4.4GHz / LP E-core 2.5GHz	24MB Intel® Smart Cache	Intel® Arc™ 140T GPU, up to 74 TOPS	Intel® AI Boost, up to 13 TOPS	Up to 96 TOPS
Core Ultra 9 285H	16 (6 P-core + 8 E-core + 2 LP E-core)	16	P-core 2.9GHz / E-core 2.7GHz / LP E-core 1.0GHz	P-core 5.4GHz / E-core 4.5GHz / LP E-core 2.5GHz	24MB Intel® Smart Cache	Intel® Arc™ 140T GPU, up to 77 TOPS	Intel® AI Boost, up to 13 TOPS	Up to 99 TOPS
Core Ultra 5 125H	14 (4 P-core + 8 E-core + 2 LP E-core)	18	P-core 1.2GHz / E-core 700MHz / LP E-core 700MHz	P-core 4.5GHz / E-core 3.6GHz / LP E-core 2.5GHz	18MB Intel® Smart Cache	Intel® Arc™ Graphics, up to 18 TOPS	Intel® AI Boost, up to 11 TOPS	Up to 33 TOPS

AI (Artificial Intelligence)

AI PC Category

AI PC^[1]

NPU

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***^[1]

Graphics	Type	Memory	Max Resolution	Connector	Key Features
Intel® Arc™ 140T GPU	Integrated	Shared	3840x2160@60Hz(HDMI®)	1x HDMI® 2.1 TMDS	DirectX® 12.2
Intel® Arc™ Graphics	Integrated	Shared	3840x2160@60Hz(HDMI®)	1x HDMI® 2.1 TMDS	DirectX® 12.2
NVIDIA® GeForce RTX™ 4050	Discrete	6GB GDDR6	3840x2160@60Hz(HDMI®)	1x HDMI® 2.1 TMDS	DirectX® 12

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 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 memory, not upgradable
- 32GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR5X-7467

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
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4

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

Stereo speakers, 5W x2 (woofers), 3W x2 (tweeters), JBL® brand

Microphone

Dual microphone

Camera**

- 5.0MP
- 5.0MP IR camera

Power Supply

Power Supply**

Power	Type	Efficiency	Key Features
135W	Adapter	90%	100V - 240V
170W	Adapter	89%	100V - 240V
230W	Adapter	89%	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
27"	QHD (2560x1440)	Multi-touch	IPS	400nits	Glossy	16:9	1500:1	99% sRGB	120HZ	horizontal: +/- 89°, vertical: +/- 89°	4 side like
27"	QHD (2560x1440)	Non-touch	IPS	400nits	Anti-glare	16:9	1500:1	99% sRGB	120HZ	horizontal: +/- 89°, vertical: +/- 89°	4 side like

Touchscreen

- OGM (One Glass Metal mesh) multi-touch, supports 10-point touch
- Non-touch

Notes:

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

Input Device

Pen

No support

Keyboard

Euterpe Wireless Keyboard, grey

Mouse

Euterpe Wireless Mouse, grey

Mechanical

Buttons

Switch button

Form Factor

AIO (27 inches)

Dimensions (WxDxH)^[1]

613.6 x 235 x 565.5 mm (24.15 x 9.25 x 22.26 inches)

Packaging Dimensions (WxDxH)

738 x 284 x 668 mm (29.05 x 11.18 x 26.29 inches)

Weight^[2]

Models	Weight
Integrated graphics models	Around 8.4 kg (18.51 lbs)
Discrete graphics models	Around 9.4 kg (20.72 lbs)

Packaging Weight**

- Discrete graphics models: Around 14.28 kg (31.48 lbs)
- Integrated graphics models: Around 13.28 kg (29.27 lbs)

Case Color

Luna grey

Expansion Slots

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

Stand

Supports -5° to +10° tilt, left & right 45° swivel, -90° to +90° pivot, up to 70mm lift

Others

- (Optional) Wireless charger 15W
- None

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]

Wi-Fi® 7, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4^[2]

Onboard Ethernet

Gigabit Ethernet, 1x RJ-45

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] The bandwidth of WiFi 7 adapter is 160 MHz.

Ports^[1]

Rear Ports

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

Left Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

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

BIOS Security

- Administrator password
- Boot sequence control
- Hard disk password
- More BIOS security features, please visit [BIOS Simulator](#)

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://support.lenovo.com/warrantylookup/warrantypolicy>.

ACCESSORIES

Bundled Accessories

Bundled Accessories

- USB-C® to USB-C® multifunctional cable
- None

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: -15.2 m (-50 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications^[1]

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3/7
- REACH
- RoHS compliant

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

- Eyesafe® Certified 2.0
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light (Hardware Solution)

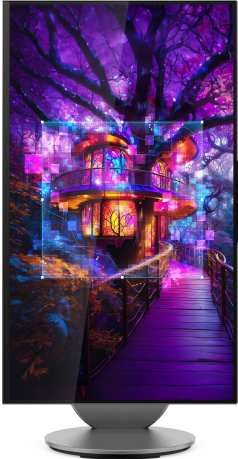
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- Feature with *** means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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