

IdeaCentre AIO 5 27IAH7

PSREF Product Specifications Reference

PERFORMANCE

Processor

Intel® Core™ i7-12700H, 14C (6P + 8E) / 20T, P-core 2.3 / 4.7GHz, E-core 1.7 / 3.5GHz, 24MB

Graphics

Intel® Arc™ A370M 4GB GDDR6

Chipset

Intel® SoC Platform

Memory

2x 8GB SO-DIMM DDR5-4800

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[1]

Up to 32GB DDR5-4800

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Optane™ Memory

None

Storage Support^{[2][3]}

One drive, up to 1TB M.2 SSD

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC274-CG codec

Speakers

5Wx2, JBL® Brand

Camera

5.0MP + IR

Microphone

2x, Array

Power Supply

230W 92%

DESIGN

Display^[4]

27" QHD (2560x1440) IPS 350nits Anti-glare, 99% sRGB, 100Hz

Touchscreen

None

Keyboard

Calliope Wireless Keyboard, Black, German

Mouse

Calliope Wireless Mouse, Black

Expansion Slots

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

Case Color

Storm Grey

Stand

AIO Stand

Wireless Charger

None

Pen

Pen Not Supported

Form Factor

AIO (27 inches)

Dimensions (WxDxH)^[5]

614.8 x 187.57 x 474.12 mm (24.2 x 7.38 x 18.66 inches)

Weight^[6]

9.55 kg (21.05 lbs)

CONNECTIVITY

WLAN + Bluetooth^[7]

Wi-Fi® 6, 802.11ax 2x2 + BT5.1

WWAN

Non-WWAN

Ethernet

Integrated 100/1000M

Rear Ports

- 1x USB-C® 2.0 with DisplayPort™-In function (Only for QHD models)
- 1x USB-C® 3.2 Gen 2
- 1x USB 2.0
- 1x USB 3.2 Gen 2
- 1x HDMI® 2.1 TMDS
- 1x HDMI®-in
- 1x Ethernet (RJ-45)
- 1x headphone / microphone combo jack (3.5mm)
- 1x mode switcher
- 1x power connector

Left Ports

1x USB 3.2 Gen 1

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 integrated in SoC

MANAGEABILITY

System Management

None

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

<= 3 Months Premium Care

CERTIFICATIONS

Green Certifications

- ErP Lot 3/7
- RoHS compliant

SOFTWARE

Operating System

Windows® 11 Home, German

Bundled Software

None

MODEL

TopSeller	: Yes	Announce Date	: 2022-06-24
EAN / UPC / JAN	: 196801116917	End of Support	: 2028-04-10



Product image is a sample, it may not match the real color of this model

Note:

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

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

[3] 2.5" HDD bracket kit only comes with pre-configured HDD models.

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

[5] The system dimensions may vary depending on configurations.

[6] 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.

[7] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/1924?M=FOGQ002GGE>

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Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.

HASSLE FREE

'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.

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PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty – Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades – Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Product Specifications
Reference