

# IdeaCentre AIO 24IRH9

## PSREF

Product Specifications  
Reference

### PERFORMANCE

- Processor**  
Intel® Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB
- Graphics**  
Integrated Intel® UHD Graphics
- Chipset**  
Intel® SoC Platform
- Memory**  
2x 8GB SO-DIMM DDR5-5200
- Memory Slots**  
Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory<sup>[1]</sup>**  
Up to 16GB DDR5-5200
- Storage**  
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Optane™ Memory**  
None
- Storage Support<sup>[2]</sup>**  
One drive, up to 1TB M.2 SSD
- Card Reader**  
None
- Optical**  
None
- Audio Chip**  
High Definition (HD) Audio, Realtek® ALC233-CG codec
- Speakers**  
3Wx2, HARMAN
- Camera**  
5.0MP
- Microphone**  
Dual Microphone
- Power Supply**  
90W 89% Adapter
- DESIGN**
- Display<sup>[3]</sup>**  
23.8" FHD (1920x1080) IPS Anti-glare 250nits, 100Hz, 99% sRGB, hardware low blue light, 3-side borderless, non-touch
- Touchscreen**  
None
- Keyboard**  
USB Calliope Keyboard, Black, English (UK)
- Mouse**  
USB Calliope Mouse, Black
- Expansion Slots**  
Two M.2 slots (one for WLAN, one for SSD)

- Case Color**  
Luna Grey
- Stand**  
AIO Stand
- Wireless Charger**  
None
- Pen**  
Pen Not Supported
- Form Factor**  
AIO (23.8 inches)
- Dimensions (WxDxH)<sup>[4]</sup>**  
540 x 192 x 431 mm (21.25 x 7.56 x 16.97 inches)
- Weight<sup>[5]</sup>**  
Around 6.0 kg (13.23 lbs)

### CONNECTIVITY

- Ethernet**  
Integrated 100/1000M
- WLAN + Bluetooth®**  
Wi-Fi® 6, 802.11ax 2x2 + BT5.2
- WWAN**  
Non-WWAN
- Rear Ports**
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
  - 2x USB-A (Hi-Speed USB / USB 2.0)
  - 1x HDMI®-in 1.4
  - 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), data transfer only
  - 1x headphone / microphone combo jack (3.5mm)

### SECURITY & PRIVACY

- Security Chip**  
Firmware TPM 2.0 integrated in SoC
- Physical Locks**  
No physical locks

### SERVICE

- Base Warranty**  
2-year, Courier or Carry-in
- Included Upgrade**  
None

### CERTIFICATIONS

- Green Certifications**
- ENERGY STAR® 8.0
  - ErP Lot 3/7
  - GREENGUARD®
  - RoHS / WEEE / REACH
- Other Certifications**
- TÜV Rheinland® Flicker Free
  - TÜV Rheinland® Low Blue Light
  - TÜV Rheinland® Ultra Low Noise

### SOFTWARE

- Operating System**  
Windows® 11 Home, Romanian / English
- Bundled Software**  
None
- MODEL**
- |                        |                |                       |              |
|------------------------|----------------|-----------------------|--------------|
| <b>TopSeller</b>       | : No           | <b>Announce Date</b>  | : 2024-03-22 |
| <b>EAN / UPC / JAN</b> | : 198153660476 | <b>End of Support</b> | : 2030-02-18 |



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

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

[5] 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.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2418?M=FOHN0095R1>

## Premium Care - Advanced Support from Real People. Real Fast.

### REAL PERSON

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.

### REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.

### 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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