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## Lenovo 24IRH9

# Lenovo IdeaCentre AIO 24IRH9 Desktop User Manual

Model: 24IRH9

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## 1. INTRODUCTION

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This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo IdeaCentre AIO 24IRH9 All-in-One Desktop. Please read this guide thoroughly to ensure proper use and to maximize the performance and longevity of your device.



Image 1.1: The Lenovo IdeaCentre AIO 24IRH9 All-in-One Desktop, featuring its integrated display, wireless keyboard, and mouse.

## 2. SETUP GUIDE

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### 2.1. Unpacking the Device

Carefully remove all components from the packaging. Ensure the following items are present:

- Lenovo IdeaCentre AIO Desktop
- Power Adapter
- Wireless EOS Keyboard
- Wireless EOS Mouse
- User Guide (this document)

### 2.2. Connecting Peripherals

Connect the power adapter to the desktop and a power outlet. The wireless keyboard and mouse are pre-paired.

Insert the USB receiver (typically found in the mouse or keyboard battery compartment) into an available USB port on the desktop. Ensure batteries are installed in the keyboard and mouse.



Image 2.1: A typical setup of the Lenovo IdeaCentre AIO 24IRH9 desktop on a workspace, showcasing the compact design with the wireless keyboard and mouse.

## 3. OPERATING YOUR IDEACENTRE AIO

### 3.1. Power On/Off

Press the power button, usually located on the side or back of the display, to turn on your desktop. To shut down, use the Windows Start menu options.

### 3.2. Display Features

The IdeaCentre AIO 24IRH9 features a 23.8-inch Full HD (1920x1080) IPS display with anti-glare properties. It offers 250 nits brightness, a 100Hz refresh rate, and 99% sRGB color accuracy. The display is designed with a 3-side borderless aesthetic and includes hardware low blue light technology for reduced eye strain.



Image 3.1: The display of the IdeaCentre AIO, illustrating its key features such as FHD IPS panel, brightness, refresh rate, color gamut, and narrow bezels.

### 3.3. Audio System

The desktop is equipped with two 3W HARMAN speakers, providing clear audio output for multimedia and communication.

### 3.4. Camera and Microphone

A 5.0MP + IR camera is integrated for video conferencing and secure login via Windows Hello. Dual microphones ensure clear voice input.

### 3.5. Connectivity

The IdeaCentre AIO offers comprehensive connectivity options:

- **Wireless:** Wi-Fi 6 and Bluetooth 5.2 for seamless network and peripheral connections.
- **USB Ports:** Multiple USB 3.0 ports (USB-A and USB-C) for connecting various devices.

- **HDMI:** HDMI-out 2.1 TMDs for connecting to external displays.
- **Ethernet:** RJ-45 port for wired network connection.
- **Audio Jack:** 3.5mm headphone/microphone combo jack.



Image 3.2: The rear panel of the IdeaCentre AIO, detailing the available ports for power, USB devices, network, and external display connections.

## 4. MAINTENANCE AND CARE

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### 4.1. Cleaning

To clean the display, use a soft, lint-free cloth lightly dampened with water or a screen-cleaning solution. Avoid harsh chemicals. For the chassis, use a dry, soft cloth. Ensure the device is powered off and unplugged before cleaning.

### 4.2. Software Updates

Regularly update your Windows 11 operating system and installed applications to ensure optimal performance,

security, and access to the latest features. You can manage updates through Windows Settings.

### 4.3. Storage Management

The device uses a Solid State Drive (SSD). While SSDs are durable, it is good practice to avoid filling them to maximum capacity to maintain performance. Regularly back up important data to an external drive or cloud storage.

## 5. TROUBLESHOOTING COMMON ISSUES

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This section addresses common issues you might encounter. For more complex problems, refer to the Lenovo support website or contact customer service.

- **No Power:** Ensure the power adapter is securely connected to both the desktop and a working power outlet. Test the outlet with another device.
- **No Display:** If the desktop powers on but the screen remains black, try restarting the system. Ensure no external display cables are interfering.
- **Keyboard/Mouse Not Responding:** Check the battery levels in the wireless keyboard and mouse. Ensure the USB receiver is properly inserted into a USB port.
- **Slow Performance:** Close unnecessary applications. Check for background updates. Ensure sufficient free storage space.
- **No Internet Connection:** Verify Wi-Fi is enabled and connected to the correct network. For wired connections, check the Ethernet cable and router status.

## 6. TECHNICAL SPECIFICATIONS

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Below are the detailed specifications for the Lenovo IdeaCentre AIO 24IRH9:



Image 6.1: Key internal components and specifications of the IdeaCentre AIO, including processor, graphics, memory, and storage.

Feature	Detail
<b>Model</b>	24IRH9
<b>Processor</b>	Intel Core i5-13420H (P-core up to 4.6GHz, E-core up to 3.4GHz, 8 Cores, 12 Threads, 12MB Cache)
<b>Operating System</b>	Pre-Loaded Windows 11 Home Single Language, English
<b>Pre-installed Software</b>	Microsoft 365 Basic + Office Home 2024
<b>Memory</b>	1x 16GB SO-DIMM DDR5-5200 (Two DDR5 SO-DIMM slots, dual-channel capable, Up to 16GB DDR5-5200)
<b>Storage</b>	512GB SSD M.2 2280 PCIe 4.0x4 NVMe

Feature	Detail
Graphics	Integrated Intel UHD Graphics
Display	23.8-Inch FHD (1920x1080) IPS, Anti-Glare, 250 nits, 99% sRGB, 100Hz, 3-side borderless, hardware low blue light, Non-Touch
Camera	5.0MP + IR
Speakers	2x 3W HARMAN speakers
Connectivity	Wi-Fi 6, Bluetooth 5.2
Ports	1x USB-C (USB 10Gbps / USB 3.2 Gen 2), 4x USB-A (various speeds), 1x HDMI-out 2.1 TMDS, 1x Ethernet (RJ-45), 1x Headphone/microphone combo jack (3.5mm)
Dimensions (WxDxH)	54 x 19.2 x 43.1 cm
Weight	6 kg
Included Components	AIO, Power Adapter, User Guide, Wireless EOS Keyboard, Wireless EOS Mouse

## 7. WARRANTY AND SUPPORT

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Your Lenovo IdeaCentre AIO 24IRH9 Desktop comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Lenovo support website.

For technical assistance, troubleshooting, or to inquire about service, please contact Lenovo customer support. You can find contact information and support resources on the official Lenovo website:

- **Lenovo Support Website:** [support.lenovo.com](https://support.lenovo.com)
- **Lenovo India Support:** [lenovo.com/in/en/contact/](https://lenovo.com/in/en/contact/)