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- › **Lenovo /**
- › Lenovo IdeaCentre I Gen 9 All-in-One PC User Manual

Lenovo 27IRH9

Lenovo IdeaCentre I Gen 9 All-in-One PC User Manual

Model: 27IRH9

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Lenovo IdeaCentre I Gen 9 All-in-One PC. Please read this guide thoroughly to ensure optimal performance and longevity of your device.



Figure 1: Lenovo IdeaCentre I Gen 9 All-in-One PC with included wireless keyboard and mouse.

1. SETUP

1.1 Unboxing and Initial Placement

Carefully remove all components from the packaging. Place the All-in-One PC on a stable, flat surface. Ensure adequate ventilation around the device.

1.2 Connecting Power

Connect the power adapter to the DC-in port on the rear of the computer, then plug the power cable into an electrical outlet.

1.3 Connecting Peripherals

The Lenovo IdeaCentre I Gen 9 includes a wireless keyboard and mouse. Insert the USB receiver (usually found in the mouse or keyboard battery compartment) into an available USB port on the computer. Ensure batteries are installed in

both the keyboard and mouse.

1.4 First Boot and Windows Setup

Press the power button. Follow the on-screen instructions to complete the Windows 11 Home operating system setup, including language, network connection, and user account creation.

2. OPERATING YOUR PC

2.1 Power Button and E-shutter

The power button is located on the side of the display unit. An E-shutter feature is included for privacy, allowing you to physically block the webcam when not in use.

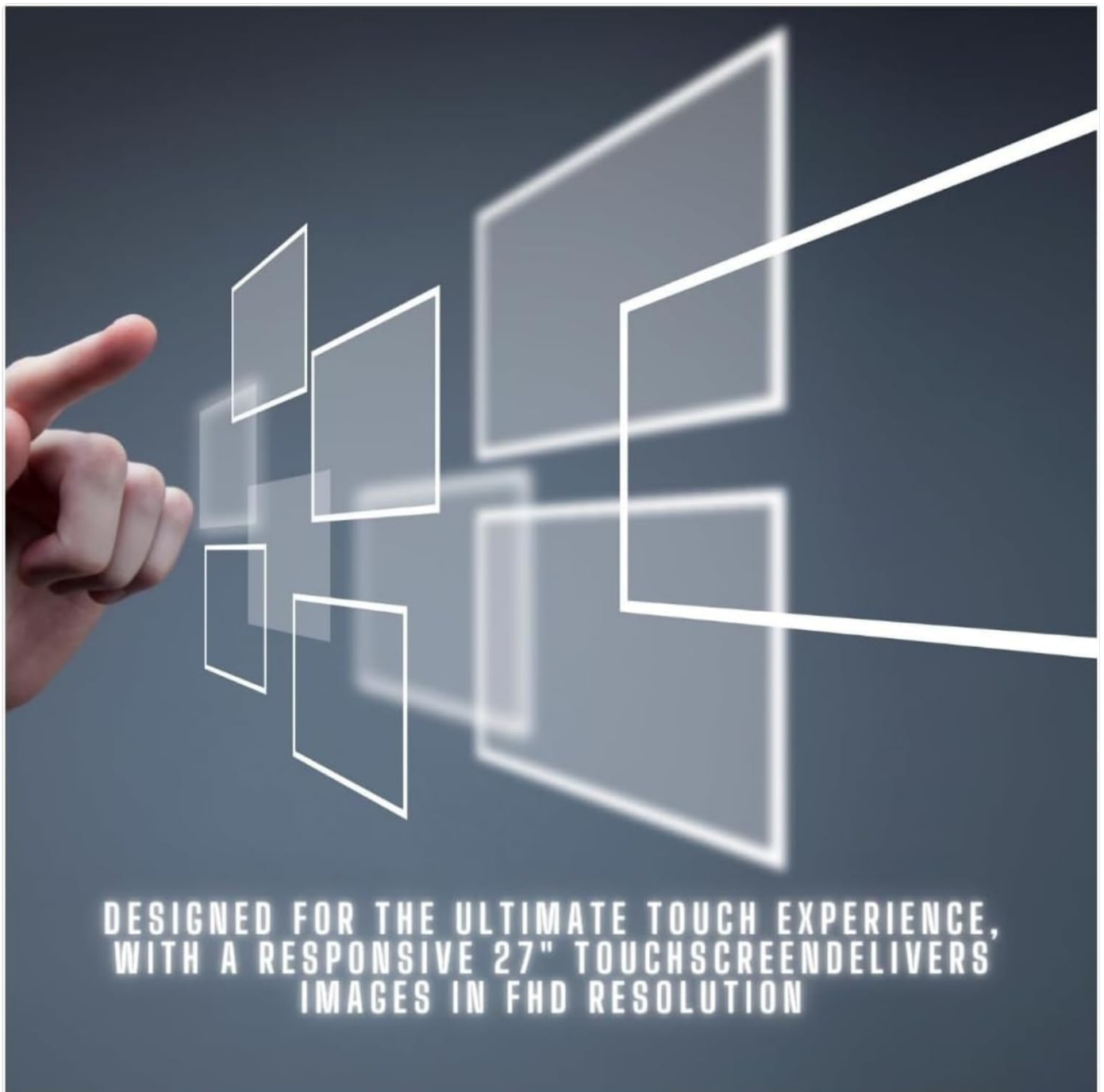


Figure 2: Port layout and E-shutter location on the Lenovo IdeaCentre I Gen 9.

2.2 Display and Touchscreen Functionality

Your PC features a 27-inch Full HD (1920 x 1080) IPS touchscreen display with a 100Hz refresh rate. This allows for direct interaction with the screen using touch gestures, enhancing navigation and application use. The display also incorporates low blue light technology for reduced eye strain during extended use.

Lenovo IdeaCentre

Ports & Slots



- | | |
|-------------------|--------------------------|
| 1 E-shutter | 7 USB-A 2.0 |
| 2 Power button | 8 USB-A 3.2 Gen 2 |
| 3 HDMI-in | 9 HDMI-out 2.1 |
| 4 Power DC-in | 10 USB-C 3.2 Gen 1 |
| 5 USB-A 2.0 | 11 Headphone / mic combo |
| 6 Ethernet (RJ45) | |

Figure 3: Illustrative image of touchscreen functionality.

2.3 Processor and Performance

Equipped with an Intel Core i7-13620H processor, your IdeaCentre provides robust performance for multitasking, productivity applications, and multimedia consumption. The 10 cores and 16 threads ensure efficient handling of demanding tasks.

13th Gen Intel Core i7



Step up your performance with the ultra-efficient multi-tasking power of the Intel Core i7-13620H processor and personalized system controls to maximize power across heavy workloads and entertainment.

Figure 4: Representation of the Intel Core i7 processor.

2.4 Memory and Storage

The system includes 32GB of high-bandwidth DDR5 RAM for smooth operation of multiple applications simultaneously. A 1TB PCIe NVMe M.2 Solid State Drive (SSD) provides fast boot times, quick application loading, and ample storage for your files.

Instant Access & Connectivity

With wireless charging, you can simply place your phone on the designated spot and have it charge instantly. Also, it helps you to stay connected with all your essential peripherals given four USB ports and HDMI in/out capabilities —syncing, charging, and linking to devices has never been easier.



Model shown with wireless charging base. Smart Phone sold separately

Figure 5: Visual concept of high-speed RAM and SSD storage.

2.5 Graphics

Integrated Intel UHD Graphics handle visual processing, suitable for everyday computing tasks, streaming, and light graphical work.

Why Choose



Professional
Team



Dedicated
Customer Service



Environmental
Sustainability

Figure 6: Intel UHD Graphics chip on a circuit board.

2.6 Connectivity

The IdeaCentre I Gen 9 offers comprehensive connectivity options:

- **USB Ports:** 1x Superspeed USB Type-A, 1x Superspeed USB Type-C, 2x USB Type-A 2.0.
- **Video Output:** 2x HDMI ports for connecting external displays.
- **Network:** 1x RJ-45 Ethernet port for wired internet, Wi-Fi 6 (802.11ax) for high-speed wireless connectivity.
- **Audio:** 1x Headphone/microphone combo jack.
- **Wireless:** Bluetooth for connecting wireless accessories.

2.7 Webcam and Audio

A 5MP camera is integrated for video conferencing and online communication. The system includes built-in speakers and a microphone, with a headphone/microphone combo jack for external audio devices.



Figure 7: Example of video call clarity with the integrated webcam.

2.8 Wireless Charging Base

An optional wireless charging base is integrated into the stand, allowing you to conveniently charge compatible smartphones by simply placing them on the designated spot.

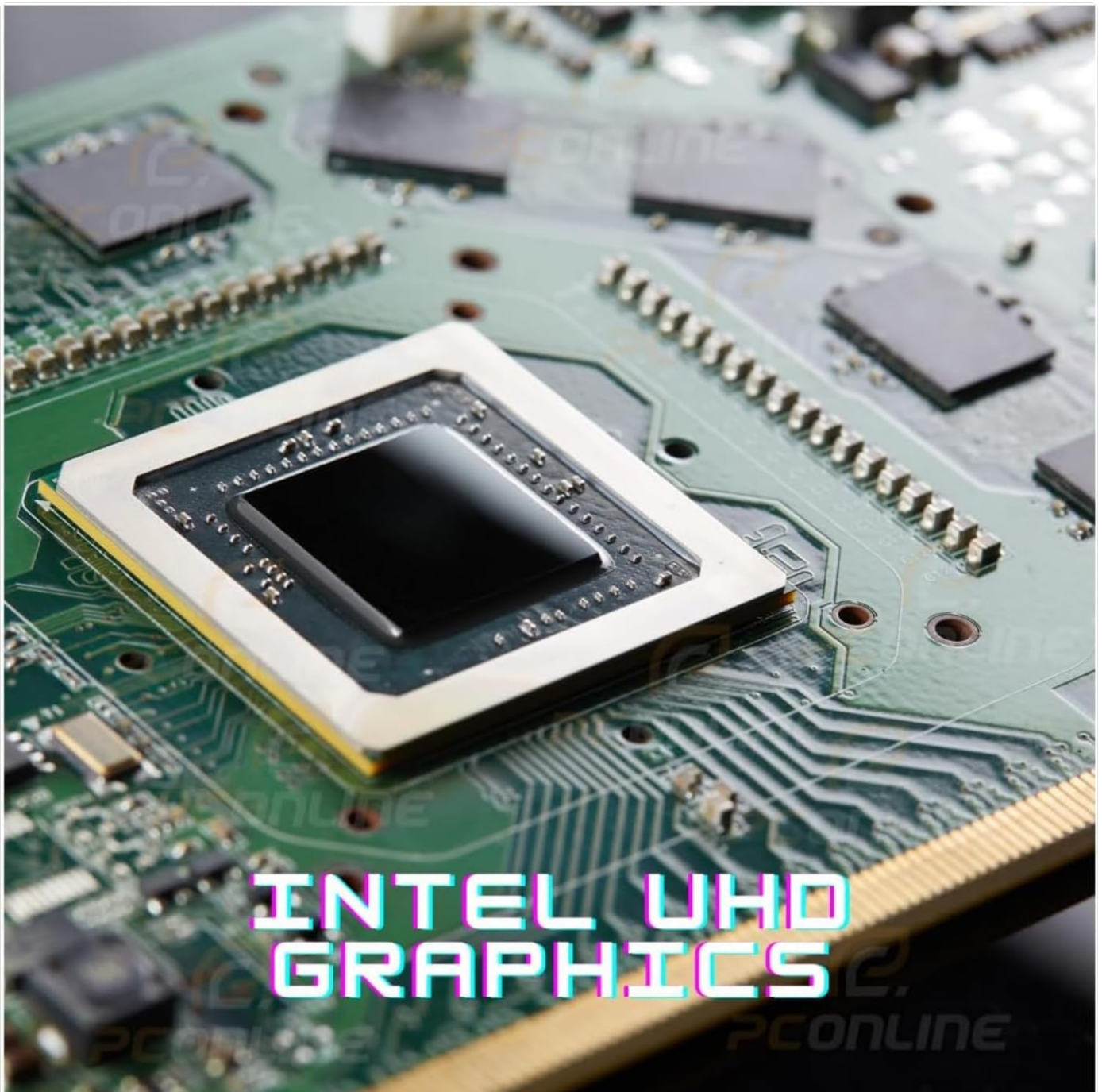


Figure 8: Wireless charging base in use.

3. MAINTENANCE

3.1 Cleaning the Device

To clean the screen, use a soft, lint-free cloth lightly dampened with water or a screen-cleaning solution. For the chassis, use a dry, soft cloth. Avoid abrasive cleaners or solvents.

3.2 Software Updates

Regularly check for and install Windows updates to ensure system stability, security, and access to the latest features. You can find these in Windows Settings > Update & Security > Windows Update.

3.3 Data Backup

It is recommended to regularly back up your important data to an external drive or cloud storage to prevent data loss.

4. TROUBLESHOOTING

4.1 No Power

- Ensure the power cable is securely connected to both the PC and the electrical outlet.
- Verify the electrical outlet is functioning by plugging in another device.
- Try a different power outlet.

4.2 Display Issues

- If the screen is blank, ensure the PC is powered on.
- Check if the E-shutter is open.
- Restart the computer.

4.3 Wireless Connectivity Problems

- For Wi-Fi, ensure your router is on and functioning. Check Wi-Fi settings in Windows.
- For wireless keyboard/mouse, ensure the USB receiver is plugged in and batteries are charged/replaced.

4.4 Slow Performance

- Close unnecessary applications.
- Check for background processes consuming high resources (Task Manager).
- Ensure Windows and drivers are up to date.
- Run a disk cleanup and defragmentation (for HDDs, though this is an SSD).

5. SPECIFICATIONS

Feature	Detail
Model Number	27IRH9
Processor	Intel Core i7-13620H (10 Cores, up to 4.9GHz)
Graphics	Intel UHD Graphics (Integrated)
RAM	32GB DDR5 (5600 MHz)
Storage	1TB PCIe NVMe M.2 SSD
Display	27" FHD (1920x1080) IPS Touchscreen, 100Hz, 300nits, Low Blue Light
Operating System	Windows 11 Home
Webcam	5MP Camera with E-shutter
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth
Ports	1x Superspeed USB Type-A, 1x Superspeed USB Type-C, 2x USB Type-A 2.0, 2x HDMI, 1x RJ-45, 1x Headphone/Mic Combo
Dimensions (LxWxH)	24.06 x 7.56 x 18.54 inches
Weight	15.65 pounds
Color	Grey

6. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Lenovo support website. You may also find assistance through the Lenovo support application pre-installed on your system.

For additional resources, visit the Lenovo Store on Amazon.