

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Lenovo](#) /
- › [Lenovo ThinkCentre All-in-One Desktop Computer User Manual](#)

Lenovo 10R8

Lenovo ThinkCentre All-in-One Desktop Computer User Manual

Model: 10R8

1. INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your Lenovo ThinkCentre All-in-One Desktop Computer. Please read this manual thoroughly before using your device to ensure proper functionality and longevity.



Figure 1.1: Lenovo ThinkCentre All-in-One Desktop Computer with included wired keyboard and mouse.

2. SETUP

2.1 Unboxing and Initial Inspection

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

- Lenovo ThinkCentre All-in-One Desktop
- Wired Keyboard
- Wired Mouse
- 90W AC Adapter

What's in the box.



ThinkCentre neo AIO (23.8" Intel)
90W AC Adapter

Wired Keyboard
Wired Mouse

Figure 2.1: Contents included in the product box.

2.2 Connecting Peripherals

Connect the wired keyboard and mouse to the available USB-A ports on the rear of the All-in-One unit. Refer to the port diagram for specific locations.

Ports & Solts



Figure 2.2: Rear and side port configuration. Key ports include USB-C, HDMI-in/out, RJ-45 Ethernet, and various USB-A ports.

1. **USB-C (USB 10Gbps):** Data transfer only.
2. **Headphone / microphone combo jack (3.5mm)**
3. **HDMI-in 1.4**
4. **Power-in**
5. **USB-A (Hi-Speed USB)**
6. **Ethernet (RJ-45)**
7. **USB-A (Hi-Speed USB)**
8. **USB-A (USB 10Gbps)**
9. **HDMI-out 2.1 TMDS**
10. **Power button**
11. **Camera shutter latch**

2.3 Power Connection and Initial Boot

Connect the 90W AC adapter to the Power-in port (4) on the rear of the device, then plug the adapter into a power

outlet. Press the Power button (10) to turn on the computer. The system will guide you through the initial Windows 11 Pro setup process.

3. OPERATING INSTRUCTIONS

3.1 Display Features

Your Lenovo ThinkCentre All-in-One features a 23.8-inch Full HD (1920x1080) IPS display with anti-glare properties. This display offers a wide viewing angle and reduced reflections for comfortable viewing. It also supports a 100Hz refresh rate for smoother visuals.



Figure 3.1: The 23.8-inch Full HD display.

The amazing refresh rate of 100Hz brings a stunning synchronous experience.
Smoother, clearer, faster, better.



Figure 3.2: Visual comparison demonstrating the smoothness of a 100Hz refresh rate display.

3.2 Performance and Storage

The system is powered by a 13th Gen Intel Core i7-13620H processor, offering 10 cores and 16 threads for efficient multitasking. It is equipped with 32GB DDR5 SODIMM RAM and a 1TB PCIe NVMe M.2 Solid State Drive (SSD) for fast boot-up times and rapid data access.

The smarter choice for mobility.



Intel Core i7-13620H



up to 64GB | DDR5-5600
up to 2TB SSD



Integrated
Intel UHD Graphics



Figure 3.3: Key performance specifications including processor, memory, and storage capabilities.

13th Generation Intel Core™ Processors

Equipped with Intel Core i7-13620H, processor, adopts revolutionary performance hybrid architecture, higher energy efficiency, higher performance, and smoother multitasking experience

6 Cores
12 Threads

4.9 GHz
up to

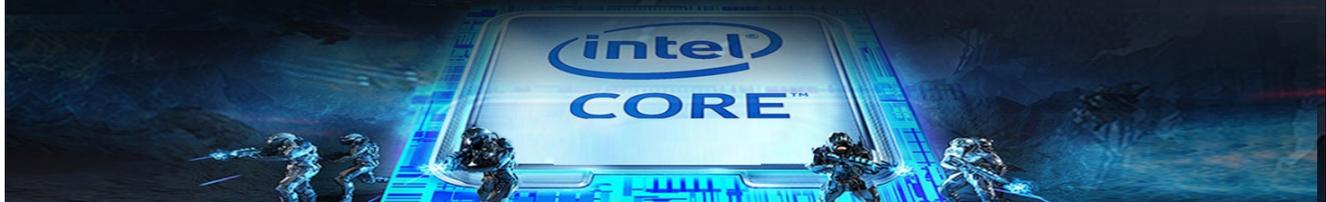


Figure 3.4: Detailed specifications of the Intel Core i7-13620H processor.

3.3 Integrated Webcam and Shutter

The All-in-One includes an integrated webcam. For privacy, a physical camera shutter latch (11) is located on the side of the display. Slide the latch to cover or uncover the camera lens as needed.

4. MAINTENANCE

4.1 Cleaning the Device

- **Screen:** Use a soft, lint-free cloth specifically designed for electronics. For stubborn smudges, lightly dampen the cloth with water or a screen-cleaning solution. Do not spray liquid directly onto the screen.
- **Chassis:** Wipe the exterior surfaces with a soft, dry cloth. For dust accumulation in vents, use compressed air.
- **Keyboard and Mouse:** Use a soft cloth. For deeper cleaning, refer to the specific cleaning instructions for your keyboard and mouse.

Always ensure the device is powered off and unplugged before cleaning.

4.2 Software Updates

Regularly check for and install Windows updates to ensure system stability, security, and performance. You can access Windows Update through the Settings menu.

Periodically check the Lenovo support website for driver updates specific to your model to ensure optimal hardware performance.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Lenovo ThinkCentre All-in-One Desktop Computer.

5.1 Power Issues

- **Computer does not turn on:**
 - Ensure the power adapter is securely connected to both the computer and a working power outlet.
 - Verify the power outlet is functional by plugging in another device.
 - Try a different power outlet if available.

5.2 Display Issues

- **No image on screen:**
 - Ensure the computer is powered on.
 - Check if the display brightness is set too low.
 - If an external display is connected, ensure the correct display output is selected (e.g., by pressing Windows key + P).

5.3 Camera Not Functioning

- **Webcam not detected or showing black screen:**

- Verify the physical camera shutter latch (11) is open and not covering the lens.
- Check Windows privacy settings to ensure applications have permission to access the camera. Go to *Settings > Privacy & security > Camera*
- Ensure camera drivers are up to date via Windows Update or Lenovo's support website.

5.4 Audio Issues

- **No sound or low volume:**

- Check the system volume levels in Windows.
- Ensure speakers are not muted.
- If using external speakers or headphones, ensure they are properly connected to the 3.5mm audio jack (2) or appropriate USB port.
- Update audio drivers.

5.5 System Performance Issues

- **Slow performance or freezing:**

- Close unnecessary applications running in the background.
- Ensure sufficient free space on the 1TB SSD.
- Run a virus and malware scan.
- Check for and install all available Windows updates.
- Consider restarting the computer.

6. SPECIFICATIONS

Detailed technical specifications for the Lenovo ThinkCentre All-in-One Desktop Computer (Model: 10R8).

Feature	Specification
Brand	Lenovo
Model Number	10R8
Operating System	Windows 11 Pro
Processor	Intel Core i7-13620H (10 Cores, 16 Threads, up to 4.9GHz)
RAM	32GB DDR5 SODIMM (4800 MHz)
Storage	1TB PCIe NVMe M.2 SSD
Display Size	23.8 Inches
Screen Resolution	1920 x 1080 (FHD) IPS, Anti-glare
Graphics Coprocessor	Intel UHD Graphics (Integrated)
Wireless Type	802.11ax (Wi-Fi 6), Bluetooth

Feature	Specification
USB Ports	1 x USB-C (10Gbps), 3 x USB-A (10Gbps/Hi-Speed), 2 x USB-A (Hi-Speed)
Video Ports	1 x HDMI-in 1.4, 1 x HDMI-out 2.1 TMDS
Audio Ports	1 x Headphone / microphone combo jack (3.5mm)
Ethernet	1 x RJ-45
Item Weight	26 pounds
Product Dimensions (LxWxH)	7.56 x 21.25 x 16.97 inches

7. 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 can typically find support resources, driver downloads, and contact information for your region on their website.

For additional protection, optional protection plans may be available for purchase. Please refer to your retailer for details on available plans.

Note: Any attempts to repair or modify the device by unauthorized personnel may void the warranty.

© 2024 Lenovo. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.