msi CODR2AIB2NVP7437

MSI Codex R2 AI B2NVP7-437US Gaming Desktop Computer User Manual

Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your MSI Codex R2 AI B2NVP7-437US Gaming Desktop Computer. Please read this manual thoroughly before using your new system to ensure optimal performance and longevity. Keep this manual for future reference.

Product Overview



An image showing the MSI Codex R2 AI Gaming Desktop Computer. The black tower features a transparent side panel revealing internal components and blue LED-lit fans. The front panel also has three blue LED-lit fans.

Package Contents

Verify that all items are present in the package:

- MSI Codex R2 AI B2NVP7-437US Gaming Desktop Computer (Black)
- Gaming Keyboard
- Mouse
- AC Power Adapter

Setup

1. Initial Setup

1. **Unpacking:** Carefully remove the computer and all accessories from the packaging. Retain the packaging for future transport or service.
2. **Placement:** Place the desktop on a stable, flat surface with adequate ventilation. Ensure no vents are obstructed.

2. Connecting Peripherals

- **Monitor:** Connect your monitor to the graphics card's display output ports (HDMI, DisplayPort) using appropriate cables.
- **Keyboard and Mouse:** Connect the included gaming keyboard and mouse to any available USB ports on the rear I/O panel.
- **Power:** Connect the AC power adapter to the computer's power input and then to a grounded electrical outlet.
- **Network (Optional):** For a wired connection, connect an Ethernet cable from your router/modem to the LAN port on the computer.

3. Powering On

Press the power button located on the front of the desktop. The system will boot into Windows 11 Pro. Follow the on-screen instructions for initial Windows setup, if prompted.

Operating

Windows 11 Pro Basics

Your MSI Codex R2 AI comes pre-installed with Windows 11 Pro, offering a secure and feature-rich operating environment. Familiarize yourself with the Windows interface, Start Menu, and settings to customize your experience.

Gaming Performance Tips

- **Driver Updates:** Regularly update your NVIDIA GeForce graphics drivers and Intel chipset drivers for optimal performance and stability.
- **Game Settings:** Adjust in-game graphics settings to balance visual quality and frame rate according to your preferences.
- **Background Applications:** Close unnecessary background applications to free up system resources for gaming.

Connectivity

- **Wi-Fi 7:** Connect to high-speed wireless networks for seamless online gaming and browsing.
- **Bluetooth 5.3:** Pair wireless peripherals such as headsets, game controllers, and other Bluetooth-enabled devices.
- **USB Ports:** Utilize the various USB 2.0 and USB 3.0 Type-A/C ports for connecting external storage, peripherals, and charging devices.
- **Display Outputs:** The NVIDIA GeForce RTX 5060 provides multiple display outputs for connecting one or more monitors. Refer to your graphics card documentation for specific port types and configurations.

Maintenance

Cleaning

- **Exterior:** Use a soft, damp cloth to clean the exterior surfaces. Avoid harsh chemicals.
- **Dust:** Periodically clean dust from the ventilation grilles and internal components using compressed air. Ensure the system is powered off and unplugged before cleaning.

Software Updates

Keep your operating system and drivers updated to ensure system stability, security, and optimal performance. Windows Update will handle OS updates, and graphics drivers can be updated via NVIDIA's official website or software.

Hardware Upgrades

The MSI Codex R2 AI is designed with upgradeability in mind. If you plan to upgrade components such as RAM or storage, consult the official MSI support resources or a qualified technician to ensure compatibility and proper installation.

Troubleshooting

If you encounter issues with your MSI Codex R2 AI, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the computer and the electrical outlet. Test the outlet with another device.
- **No Display:** Verify that the monitor is correctly connected to the graphics card's output and that the monitor is powered on and set to the correct input source.
- **System Freezes/Crashes:** Ensure all drivers are up to date. Check for overheating by monitoring system temperatures. Reduce demanding workloads if necessary.
- **Performance Issues:** Close background applications. Ensure sufficient free storage space. Update graphics drivers.

For more complex issues or persistent problems, please contact MSI Technical Support.

Specifications

Feature	Specification
Processor	Intel Core Ultra 7 265 (2.4 GHz, up to 5.3 GHz Turbo)
RAM	32GB DDR5 6000MHz
Storage	1TB PCIe NVMe Gen 4 SSD
Graphics Card	NVIDIA GeForce RTX 5060 8GB GDDR7
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 7, Bluetooth 5.3
USB Ports	2x USB 2.0, 4x USB 3.0 (Type-A/C)
Dimensions (LxWxH)	23.5 x 21.5 x 12.5 inches
Weight	30.2 pounds
Model Name	MSI Codex R2 AI B2NVP7-437
Item Model Number	CODR2AIB2NVP7437

Warranty and Support

Your MSI Codex R2 AI B2NVP7-437US Gaming Desktop Computer is covered by a manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official MSI website. For technical assistance, driver downloads, or service inquiries, please contact MSI customer support through their official channels.
MSI Support Website: https://www.msi.com/support

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question