

MXZ R7 7700 RTX 4060 Ti

MXZ Gaming PC (R7 7700 | RTX 4060 Ti) User Manual

Model: R7 7700 RTX 4060 Ti

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your MXZ Gaming PC. Please read this guide thoroughly before using your new computer to ensure optimal performance and longevity. This system is designed for gaming and demanding applications, featuring an AMD Ryzen 7 7700 processor and an NVIDIA GeForce RTX 4060 Ti graphics card.

2. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are present:

- MXZ Gaming PC Tower (R7 7700 | RTX 4060 Ti)
- Power Cable
- Documentation (including this manual)
- Accessory Box (may contain extra cables, screws, or driver discs)

The PC tower features a window side panel and multiple RGB fans for enhanced airflow and customizable lighting.



Image 2.1: MXZ Gaming PC with its side panel open, revealing the internal components illuminated by blue RGB lighting. The CPU cooler, RAM, and graphics card are clearly visible.

3. SETUP GUIDE

3.1 Unpacking and Placement

1. Carefully remove the PC from its packaging. Retain all packaging materials for future transport or service.
2. Place the PC on a stable, flat surface with adequate ventilation. Ensure there is clear space around the front, rear, and top vents for optimal airflow.
3. Avoid placing the PC in direct sunlight or near heat sources.

3.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports on the rear of the PC.

- **Monitor:** Connect your monitor to the graphics card's display outputs (HDMI or DisplayPort). Do not connect to the motherboard's video outputs unless specifically instructed.
- **Keyboard and Mouse:** Connect to any available USB ports.
- **Network:** For wired internet, connect an Ethernet cable to the LAN port. For wireless, ensure antennas are attached (if applicable).
- **Audio:** Connect speakers or headphones to the audio jacks.





Image 3.2: The rear panel of the MXZ Gaming PC, displaying the array of input/output ports available for connecting peripherals, including USB ports, video outputs, and network connections.

3.3 Power Connection

1. Connect the provided power cable to the power supply unit (PSU) inlet on the rear of the PC.
2. Plug the other end of the power cable into a grounded electrical outlet.
3. Ensure the power switch on the PSU (located next to the power inlet) is in the 'ON' (I) position.

4. OPERATING INSTRUCTIONS

4.1 First Boot and Windows Setup

1. Press the power button located on the top front of the PC case. The RGB fans will illuminate.
2. The system comes with Windows 11 Pro pre-installed. Follow the on-screen instructions to complete the initial Windows setup, including region, language, network connection, and user account creation.
3. Once Windows is set up, it is recommended to check for the latest Windows updates and graphics card drivers.



Image 4.1: A close-up of the top front panel of the MXZ Gaming PC, highlighting the power button, USB ports, and audio jacks for convenient access.

4.2 General Operation

- **Turning Off:** To shut down the PC, click the Start button, then Power, and select 'Shut down'. Avoid simply holding the power button unless the system is unresponsive.
- **Restarting:** To restart, click the Start button, then Power, and select 'Restart'.
- **RGB Lighting Control:** Your PC features multiple RGB fans. Control software for these lights may be pre-installed or available for download from the motherboard or case manufacturer's website.





Image 4.2: The front of the MXZ Gaming PC case, featuring three RGB fans visible through the mesh panel, showcasing dynamic multi-color lighting.

5. MAINTENANCE

5.1 Dust Management

Regularly clean your PC to prevent dust buildup, which can lead to overheating and reduced performance.

- Use compressed air to clear dust from fans, heatsinks, and vents.
- Clean dust filters (if present) on the case.
- Perform cleaning in a well-ventilated area.

5.2 Software Updates

Keep your operating system and drivers updated to ensure system stability, security, and optimal performance.

- **Windows Updates:** Regularly check for and install updates via Windows Settings > Windows Update.
- **Graphics Drivers:** Download the latest NVIDIA GeForce drivers directly from the official NVIDIA website.
- **Motherboard Drivers:** Check the motherboard manufacturer's website for chipset and other component drivers.

5.3 Data Backup

Regularly back up important data to an external drive or cloud storage to prevent data loss.

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

6.1 No Power

- Ensure the power cable is securely connected to both the PC and the wall outlet.
- Verify the power switch on the PSU is in the 'ON' (I) position.
- Test the wall outlet with another device to confirm it has power.

6.2 No Display on Monitor

- Confirm the monitor is powered on and the correct input source is selected.
- Ensure the display cable (HDMI/DisplayPort) is securely connected to the graphics card on the PC and to the monitor.
- Try a different display cable or monitor if available.

6.3 System Instability or Crashes

- Ensure all drivers, especially graphics drivers, are up to date.
- Check for adequate ventilation and ensure fans are spinning correctly to prevent overheating.
- Run a system diagnostic tool (e.g., Windows Memory Diagnostic) to check for hardware issues.

If issues persist, please refer to the Warranty and Support section for assistance.

7. SPECIFICATIONS

Detailed technical specifications for your MXZ Gaming PC:

Component	Specification
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Component	Specification
Processor	AMD Ryzen 7 7700 (3.8 GHz base, up to 5.3 GHz boost, 8 Cores, 16 Threads)
Graphics Card	NVIDIA GeForce RTX 4060 Ti (Dedicated)
RAM	16GB DDR5 6000MHz
Storage	1TB NVME M.2 Solid State Drive
Power Supply	600W 80+ Certified
Operating System	Windows 11 Pro (Pre-installed)
Motherboard Chipset	B650
Cooling	Multiple RGB Fans
Case Design	Computer Tower with Window Side Panel
Approximate Weight	20 pounds (9.07 kg)
Package Dimensions	19 x 17 x 12 inches (48.26 x 43.18 x 30.48 cm)



Image 7.1: An internal view of the MXZ Gaming PC, showcasing the arrangement of key components such as the motherboard, CPU cooler, RAM modules, and the dedicated graphics card.

8. WARRANTY AND SUPPORT

Your MXZ Gaming PC comes with comprehensive support to ensure your peace of mind:

- **Warranty:** 1 year parts & labor warranty from the date of purchase. This covers defects in materials and workmanship under normal use.
- **Technical Support:** Free lifetime technical support is provided for your MXZ Gaming PC. For assistance, please contact MXZ customer service through their official channels.

Please retain your proof of purchase for warranty claims.

