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> [MXZ Gaming PC User Manual: R5 3500X | RTX 3060 Desktop Computer](#)

MXZ R5 3500X | RTX 3060

MXZ Gaming PC User Manual: R5 3500X | RTX 3060 Desktop Computer

Model: R5 3500X | RTX 3060

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your new MXZ Gaming PC. Please read this manual thoroughly before using your computer to ensure optimal performance and longevity. This system is designed for gaming and general computing tasks, featuring a Ryzen 5 3500X processor and an NVIDIA GeForce RTX 3060 graphics card.

2. SAFETY INFORMATION

- Ensure the power supply voltage matches your local electrical grid.
- Do not open the computer case unless instructed by a qualified technician.
- Keep the computer away from water, excessive heat, and direct sunlight.
- Ensure proper ventilation to prevent overheating. Do not block air vents.
- Use only approved power cables and accessories.
- Disconnect the power cable before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- MXZ Gaming PC Desktop Unit (R5 3500X | RTX 3060)
- Power Cable
- Documentation (Quick Start Guide, Warranty Card)
- RGB Lighting (as part of the system)

Note: Monitor, keyboard, and mouse are typically sold separately unless specified by your retailer.

4. PHYSICAL OVERVIEW

4.1 Front View





Figure 4.1: Front view of the MXZ Gaming PC, showcasing the mesh front panel and three illuminated RGB fans.

4.2 Side View (Internal Components)



Figure 4.2: Side view of the MXZ Gaming PC with its transparent panel, revealing the internal layout including the motherboard, CPU cooler, graphics card, and multiple RGB fans.

4.3 Top Panel Ports



Figure 4.3: Close-up of the top panel, featuring power button, reset button, USB 2.0 ports, USB 3.0 port, and audio jacks for convenient access.

4.4 Rear Panel Ports



Figure 4.4: Rear view of the MXZ Gaming PC, displaying the motherboard I/O shield with USB ports, audio jacks, Ethernet port, and the dedicated graphics card output ports (HDMI, DisplayPort).

5. SETUP

1. **Unpack the PC:** Carefully remove the PC from its packaging. Remove any internal packing materials or protective films.
2. **Connect Peripherals:**

- Connect your monitor(s) to the graphics card ports (HDMI or DisplayPort) on the rear panel. **Do not use the motherboard video ports.**
 - Connect your keyboard and mouse to the USB ports.
 - Connect any other peripherals (speakers, webcam, etc.) to available ports.
3. **Connect to Power:** Plug the power cable into the PC's power supply unit (PSU) and then into a wall outlet or surge protector.
 4. **Network Connection:** Connect an Ethernet cable to the LAN port on the rear panel for a wired internet connection, or install a Wi-Fi adapter if not pre-installed.
 5. **First Boot:** Press the power button on the top panel. The system will boot into Windows 11 Pro. Follow the on-screen instructions to complete the initial Windows setup.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **Power On:** Press the power button on the top panel.
- **Shut Down:** Click the Start button in Windows, then select Power > Shut down.
- **Restart:** Click the Start button in Windows, then select Power > Restart.

6.2 Windows 11 Pro

Your MXZ Gaming PC comes with Windows 11 Pro pre-installed. Ensure you complete all initial setup steps, including connecting to the internet and performing system updates, to ensure optimal security and performance.

- **Updates:** Regularly check for Windows updates via Settings > Windows Update.
- **Drivers:** Ensure all graphics card drivers (NVIDIA) and chipset drivers (AMD) are up to date for best gaming performance. These can typically be downloaded from the respective manufacturer's websites.

6.3 RGB Lighting Control

The integrated RGB fans provide customizable lighting effects. Specific control methods may vary depending on the motherboard and fan controller. Refer to your motherboard's manual or pre-installed software for detailed instructions on changing lighting modes and colors.

7. MAINTENANCE

- **Dust Cleaning:** Regularly clean dust from the PC's interior, especially fans and heatsinks, using compressed air. Perform this every 3-6 months.
- **Software Updates:** Keep your operating system, drivers, and antivirus software updated.
- **Cable Management:** Ensure internal cables are neatly managed to promote airflow.
- **System Backups:** Periodically back up important data to an external drive or cloud storage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
PC does not power on.	Loose power cable, faulty power supply, power button issue.	Check all power connections. Ensure the PSU switch is ON. Try a different power outlet.

Problem	Possible Cause	Solution
No display on monitor.	Monitor not connected to graphics card, incorrect input source, faulty cable.	Ensure monitor cable is connected to the graphics card (not motherboard). Select correct input source on monitor. Try a different cable.
System is slow or freezes.	Overheating, insufficient RAM, outdated drivers, malware.	Check for dust buildup. Update drivers. Run antivirus scan. Close unnecessary background applications.
RGB fans not lighting up.	Loose connection, software issue, faulty fan.	Check fan connections to the motherboard/controller. Verify RGB software settings.

9. SPECIFICATIONS

Component	Detail
Processor	AMD Ryzen 5 3500X (3.6-4.1GHz, 6-Core 6-thread)
Motherboard	B450 Motherboard
Graphics Card	NVIDIA GeForce RTX 3060
RAM	16GB DDR4 3200MHz
Storage	500GB NVMe Solid State Drive
Power Supply	450W 80+ Power Supply
Operating System	Windows 11 Pro (pre-installed)
Case Features	Window side case panel, Multiple RGB Fans
Item Weight	17 pounds
Package Dimensions	19 x 17 x 11 inches

10. WARRANTY AND SUPPORT

Your MXZ Gaming PC comes with a **1-year parts & labor warranty**. Additionally, free lifetime technical support is provided.

For technical assistance, troubleshooting, or warranty claims, please contact MXZ customer support through the contact information provided with your purchase documentation or visit the official MXZ website.

Online Resources:

- [MXZ Brand Store on Amazon](#)

11. PRODUCT VIDEOS

STG USA - Prism MINI Black Computer Overview

Your browser does not support the video tag.

This video provides an overview of a similar gaming PC model, showcasing its design, RGB lighting, and general

features. While the model name differs, the visual representation of the PC case and lighting features are relevant to the MXZ Gaming PC.

