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MXZ R5 4500

MXZ Gaming PC Desktop Computer User Manual

Model: R5 4500 | GTX1660S

1. Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your MXZ Gaming PC Desktop Computer. Please read this manual thoroughly before using your new computer to ensure optimal performance and longevity.

2. Package Contents

Before proceeding with setup, please verify that all components are present in the package:

- MXZ Gaming PC Desktop Computer (R5 4500 | GTX1660S)
- Power Cable
- Documentation (this manual)
- Additional accessories as specified on the product packaging (e.g., Wi-Fi antennas if applicable)



Figure 2.1: The MXZ Gaming PC Desktop Computer, showcasing its internal components and vibrant RGB lighting from the fans. The transparent side panel allows for a clear view of the motherboard, CPU cooler, graphics card, and power supply unit.

3. Setup Guide

3.1 Unpacking and Placement

Carefully remove the computer from its packaging. Place the PC on a stable, flat surface with adequate ventilation. Ensure there is sufficient space around the computer for airflow, especially at the rear and top vents, to prevent overheating.

3.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports on the rear and top of the PC. Refer to the port diagrams below for guidance.





Figure 3.1: Rear panel of the MXZ Gaming PC, displaying the motherboard I/O shield with various ports including USB, audio jacks, Ethernet, and video outputs from the graphics card. Wi-Fi antenna connectors are also visible.



Figure 3.2: Top panel of the MXZ Gaming PC, featuring easily accessible USB 2.0 and USB 3.0 ports, headphone and microphone jacks, the power button, and a dedicated RGB lighting control button.

- **Monitor:** Connect your monitor to the graphics card's display output (HDMI, DisplayPort) on the rear panel.
- **Keyboard/Mouse:** Connect to any available USB ports (USB 2.0 or USB 3.2 Gen1).
- **Power:** Connect the provided power cable to the power supply unit at the rear of the PC and then to a wall outlet.
- **Network:** For wired internet, connect an Ethernet cable to the RJ-45 port. For wireless, ensure Wi-Fi antennas are securely attached.

3.3 Initial Boot-up

Press the power button located on the top panel of the PC. The system will boot into Windows 11 Pro. Follow the on-screen instructions to complete the initial Windows setup, including language, region, and network settings.

4. Operating Your PC

4.1 General Usage

Your MXZ Gaming PC is equipped with an AMD Ryzen 5 4500 processor and an NVIDIA GTX1660S graphics card, providing robust performance for gaming, content creation, and everyday computing tasks. The 16GB DDR4 RAM and 500GB NVME SSD ensure fast loading times and smooth multitasking.



Figure 4.1: A closer look at the internal components of the MXZ Gaming PC, highlighting the AMD CPU cooler, DDR4 RAM modules, and the top-mounted RGB fans, all contributing to efficient cooling and visual appeal.

4.2 RGB Lighting Control

The PC features 6 RGB fans for maximum air circulation and customizable lighting. Use the dedicated RGB button on the top panel (refer to Figure 3.2) to cycle through various lighting modes and colors. Some models may also support software control for more advanced customization, which can be downloaded from the manufacturer's website if available.





Figure 4.2: The front panel of the MXZ Gaming PC, showcasing three RGB fans behind a stylish mesh design, providing both aesthetic

appeal and crucial airflow for internal components.

5. Maintenance

5.1 Cleaning

Regular cleaning helps maintain optimal performance and extends the lifespan of your PC. Use a can of compressed air to gently remove dust from the fan vents, internal components, and power supply unit. Ensure the PC is powered off and unplugged before cleaning. Avoid using liquid cleaners directly on components.

5.2 Software Updates

Keep your Windows 11 Pro operating system and graphics drivers updated. Regular updates provide security patches, performance improvements, and compatibility with new software and games.

- **Windows Updates:** Go to Settings > Windows Update and check for updates.
- **Graphics Drivers:** Download the latest drivers directly from NVIDIA's official website.

5.3 Storage Management

Your PC features a 500GB NVME M.2 Solid State Drive. To ensure fast performance, regularly manage your storage by deleting unnecessary files, uninstalling unused programs, and utilizing Windows' built-in Disk Cleanup tool.

6. Troubleshooting

This section addresses common issues you might encounter. For more complex problems, please contact technical support.

Problem	Possible Cause	Solution
No display on monitor.	Loose video cable, monitor off, incorrect input.	Ensure video cable is securely connected to both PC (graphics card output) and monitor. Check monitor power and input source.
PC does not power on.	Power cable loose, power supply switch off, faulty outlet.	Check power cable connections. Ensure the power supply switch on the back of the PC is in the 'ON' position. Try a different power outlet.
RGB fans not lighting up or stuck on one color.	RGB controller issue, software conflict.	Press the RGB button on the top panel to cycle modes. If issues persist, check for RGB control software updates or consult support.
System is slow or freezing.	Too many background applications, low storage space, outdated drivers.	Close unnecessary programs. Free up disk space. Update Windows and graphics drivers.

7. Specifications

Component	Detail
Processor	AMD Ryzen 5 4500 4-Core 8-thread (3.6GHz-4.3GHz)
Graphics Card	NVIDIA GeForce GTX1660S 6GB
RAM	16GB (8GB*2) DDR4 3200MHz

Component	Detail
Storage	NVME M.2 500G Solid State Drive
Power Supply	450W 80+ Certified
Operating System	Windows 11 Pro (Pre-installed)
Connectivity	5x USB 3.2 Gen1, 4x USB 2.0, 1x RJ-45 Ethernet (10/100/1000), 7.1 Channel Audio, PCI-E WIFI
Cooling	6 RGB Fans for Maximum Air and Lighting
Case Features	Window Side Case Panel, Multiple RGB Colors
Dimensions (L x W x H)	Approx. 20.5 x 19 x 11.5 inches
Weight	Approx. 26.1 pounds

8. Warranty and Support

Your MXZ Gaming PC comes with a **1-year parts and labor warranty**. Additionally, MXZ provides **free lifetime technical support** for this product. For any technical assistance, troubleshooting beyond this manual, or warranty claims, please contact MXZ PC customer support.
For support, please visit the official MXZ PC store or contact their customer service channels as provided at the time of purchase.

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