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› MXZ Gaming PC Computer R5 3600, RTX 2060 User Manual

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Model: R5 3600| RTX 2060

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your MXZ Gaming PC Computer R5 3600, RTX 2060. Please read this manual thoroughly before using your new computer to ensure proper functionality and longevity.



Figure 1.1: Front and side view of the MXZ Gaming PC Computer with illuminated RGB fans.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove the computer from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. Retain all packaging materials for future transport or warranty claims.

2.2 Connecting Peripherals

Before powering on your computer, connect all necessary peripherals:

1. **Monitor:** Connect your monitor to the graphics card (NVIDIA GeForce RTX 2060) ports located at the lower rear of the PC. Use DisplayPort or HDMI cables for optimal display quality.
2. **Keyboard and Mouse:** Connect your keyboard and mouse to the available USB ports on the rear I/O panel or the front panel.
3. **Network:** For wired internet, connect an Ethernet cable to the LAN port on the rear I/O panel. For wireless internet, the PC includes PCI-E WIFI (802.11ac).
4. **Power:** Connect the power cable to the power supply unit (PSU) at the bottom rear of the PC, then plug the other end into a grounded electrical outlet.



Figure 2.1: Rear I/O panel and graphics card ports for peripheral connections.



Figure 2.2: Top-mounted front I/O ports including USB and audio jacks.

2.3 First Boot-Up

After connecting all peripherals, press the power button located on the top panel of the PC. The system is pre-installed with Windows 11 Pro and is ready for initial setup. Follow the on-screen instructions to complete the Windows setup process, including user account creation and network configuration.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **Power On:** Press the power button on the top panel.
- **Power Off:** Use the Windows Start Menu to select 'Shut down' or 'Restart'. For a forced shutdown, press and hold the power button for 5-10 seconds.

3.2 RGB Fan Control

Your MXZ Gaming PC features 6 RGB fans for enhanced cooling and aesthetics. A dedicated LED control button is located on the top panel, allowing you to cycle through various lighting modes and colors. Refer to the motherboard manual for advanced RGB software control options, if applicable.



Figure 3.1: Internal view highlighting the illuminated RGB fans and CPU cooler.

3.3 Gaming and Performance

This system is equipped with an AMD Ryzen 5 3600 processor and an NVIDIA GeForce RTX 2060 graphics card, providing robust performance for gaming and demanding applications. Ensure your graphics drivers are up-to-date for optimal performance. Windows 11 Pro is pre-installed, offering a modern and efficient operating environment.



Figure 3.2: Internal layout of the MXZ Gaming PC, showcasing the motherboard, GPU, and power supply.

4. MAINTENANCE

4.1 Cleaning

- **Exterior:** Use a soft, dry cloth to clean the exterior surfaces. Avoid abrasive cleaners.
- **Interior:** Periodically clean dust from internal components, especially fans and heatsinks, using compressed air. Ensure the PC is powered off and unplugged before opening the side panel.

4.2 Software Updates

Regularly update your operating system (Windows 11 Pro), graphics drivers (NVIDIA), and other software to ensure system stability, security, and optimal performance.

4.3 Airflow

Ensure the PC has adequate ventilation. Do not block the air intake or exhaust vents. The 6 RGB fans are designed to provide efficient cooling; maintaining clear airflow is crucial for component longevity.





Figure 4.1: Front panel with mesh design for optimal airflow through the RGB fans.

5. TROUBLESHOOTING

If you encounter issues with your MXZ Gaming PC, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the PC and the wall outlet. Verify the power switch on the PSU (if present) is in the 'On' position.
- **No Display:** Check that the monitor cable is securely connected to the graphics card ports (not the motherboard ports). Ensure the monitor is powered on and set to the correct input source.
- **System Freezes/Crashes:** Ensure all drivers are up-to-date. Monitor system temperatures to prevent overheating. Reduce demanding workloads if necessary.
- **Slow Performance:** Check for background applications consuming resources. Ensure sufficient free space on the NVME SSD. Run a malware scan.
- **RGB Fans Not Lighting Up:** Verify the LED control button on the top panel is pressed. Check internal cable connections for the RGB controller.

For persistent issues, please contact MXZ customer support.

6. SPECIFICATIONS

Key technical specifications for the MXZ Gaming PC Computer R5 3600, RTX 2060:

Component	Specification
Processor	AMD Ryzen 5 3600 (3.7-4.6GHz)

Component	Specification
Graphics Card	NVIDIA GeForce RTX 2060 (8GB GDDR6)
RAM	16GB DDR4 3200MHz
Storage	500GB NVME M.2 Solid State Drive
Motherboard	B450 Chipset
Power Supply	450W 80+ Certified
Operating System	Windows 11 Pro (Pre-installed)
Wireless Connectivity	802.11ac PCI-E WIFI
Cooling	6 RGB Fans
Case Features	Window Side Panel
Approx. Weight	18.96 pounds (8.6 kg)

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Your MXZ Gaming PC Computer comes with a **1-year warranty covering parts and labor** from the date of purchase. This warranty covers manufacturing defects and component failures under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.

7.2 Technical Support

MXZ provides **free lifetime technical support** for this product. If you require assistance with setup, troubleshooting, or have any questions regarding your PC, please contact our support team. Contact information can typically be found on the MXZ official website or through your purchase documentation.