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› MSI Aegis Z2 Gaming Desktop C7NUC-817US User Manual: Setup, Operation, and Maintenance

**msi AeZ2C7NUC817**

# MSI Aegis Z2 Gaming Desktop C7NUC-817US User Manual

Model: AeZ2C7NUC817

## INTRODUCTION

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This manual provides essential information for setting up, operating, maintaining, and troubleshooting your MSI Aegis Z2 Gaming Desktop, model C7NUC-817US. This system is equipped with an AMD Ryzen R7-7700 processor, NVIDIA GeForce RTX 4060 graphics, 16GB DDR5 memory, and a 1TB M.2 SSD, running Windows 11 Home.



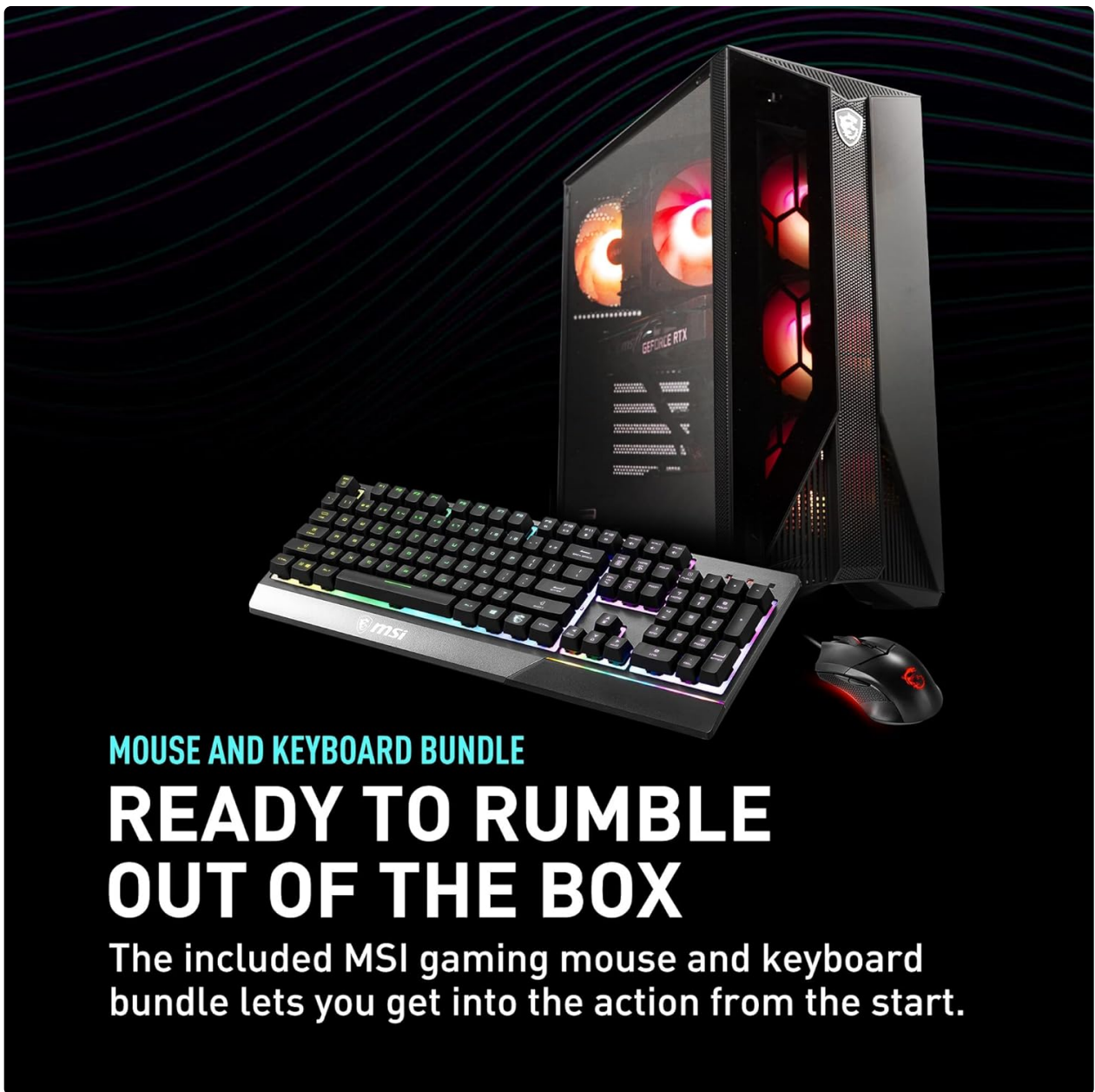
*The MSI Aegis Z2 Gaming Desktop, showcasing its transparent side panel and internal RGB lighting.*

## SETUP

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### 1. Unboxing and Component Check

Carefully remove the desktop from its packaging. Verify that all included accessories are present. Your package should contain the MSI Aegis Z2 desktop, a power cable, and the included MSI gaming keyboard and mouse.



## MOUSE AND KEYBOARD BUNDLE

# READY TO RUMBLE OUT OF THE BOX

The included MSI gaming mouse and keyboard bundle lets you get into the action from the start.

*The MSI Aegis Z2 desktop bundled with its gaming keyboard and mouse.*

## 2. Connecting Peripherals

1. **Monitor:** Connect your monitor to the graphics card's display outputs (DisplayPort or HDMI) located at the rear of the desktop. Ensure the cable is securely fastened.
2. **Keyboard and Mouse:** Connect the included keyboard and mouse to the available USB ports.
3. **Power:** Connect the power cable to the desktop's power supply unit (PSU) and then to a wall outlet.
4. **Network:** For wired internet, connect an Ethernet cable to the LAN port. For wireless internet, the system supports 802.11ax (Wi-Fi 6) and Bluetooth.

## 3. Initial Power-On

Press the power button located on the desktop's front panel. The system will boot up, and you will be guided through the Windows 11 Home initial setup process. Follow the on-screen instructions to configure your operating system settings, user accounts, and network connection.

## OPERATING INSTRUCTIONS

## Power On/Off and Restart

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

## Windows 11 Home Navigation

Familiarize yourself with the Windows 11 interface. The Start menu provides access to applications and settings. Use the taskbar for quick access to frequently used programs. For detailed guidance on Windows 11, refer to Microsoft's official documentation.

## Gaming and Performance

The MSI Aegis Z2 is designed for gaming with its AMD Ryzen R7-7700 processor and NVIDIA GeForce RTX 4060 graphics card. Ensure your graphics drivers are up to date for optimal performance. The system's cooling solution, featuring an RGB CPU Air Cooler and four system fans, helps maintain stable temperatures during intensive use.



Key specifications of the MSI Aegis Z2, including AMD Ryzen 7 7700, NVIDIA GeForce RTX 4060, 16GB

## MAINTENANCE

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### Cleaning

Regularly clean the exterior of your desktop with a soft, dry cloth. Use compressed air to clear dust from fan vents and internal components. Ensure the system is powered off and unplugged before cleaning.

### Upgrades

The Aegis Z2 series is designed to be DIY friendly for upgrades. Common upgrades include:

- **Memory (RAM):** The system uses DDR5 RAM. While some documentation may indicate four RAM slots, certain configurations of the Aegis Z2 may feature only two. Verify the number of available slots before purchasing additional memory. Ensure new RAM modules match the existing speed (5600 MHz) for compatibility.
- **Storage:** The system includes a 1TB M.2 SSD. Additional storage can be added via SATA SSDs or HDDs, or potentially another M.2 drive if an additional slot is available.

### Software Updates

Keep your Windows 11 operating system and all drivers (especially graphics drivers from NVIDIA and chipset drivers from AMD/MSI) updated to ensure optimal performance and security. Windows Update can manage OS updates, while graphics drivers can be downloaded from the NVIDIA website.

## TROUBLESHOOTING

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### Common Issues and Solutions

- **No Power:** Ensure the power cable is securely connected to both the desktop and the wall outlet. Verify the power switch on the PSU (if present) is in the 'on' position.
- **No Display:** Confirm your monitor is connected to the graphics card's output, not the motherboard's integrated graphics ports. Check monitor power and input selection. Try a different display cable (e.g., DisplayPort instead of HDMI, as DisplayPort often offers better compatibility for BIOS access).
- **BIOS Access Issues (Black Screen):** If you encounter a black screen when attempting to access the BIOS, ensure your display cable is connected to the dedicated graphics card. Using a DisplayPort cable can sometimes resolve this issue.
- **System Performance Issues:** Ensure all drivers are updated. Check for background applications consuming resources. Monitor system temperatures to prevent thermal throttling.
- **RAM Slot Discrepancy:** If you find your system has two RAM slots instead of the four sometimes advertised, this is a known variation. Plan memory upgrades accordingly, focusing on maximizing capacity with two modules.

For persistent issues, refer to the official MSI support website or contact MSI customer service.

## SPECIFICATIONS

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Component	Detail
Brand	MSI
Model Number	AeZ2C7NUC817
Processor	AMD Ryzen R7-7700 (3.8 GHz)
Graphics Card	NVIDIA GeForce RTX 4060 (8 GB GDDR6)
RAM	16GB DDR5 (5600 MHz)
Storage	1TB M.2 SSD
Operating System	Windows 11 Home
Power Supply	80+ Gold PSU
Wireless Connectivity	802.11ax (Wi-Fi 6), Bluetooth
USB 2.0 Ports	4
USB 3.0 Ports	6
Dimensions (LxWxH)	19.4 x 9.1 x 19 inches
Item Weight	26.9 pounds

## WARRANTY AND SUPPORT

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For warranty information and technical support, please visit the official MSI website. You can find drivers, FAQs, and contact information for customer service there. Keep your purchase receipt and product serial number readily available when seeking support.

Official MSI Store: [MSI Store on Amazon](#)