

TechMagnet Zeus

TechMagnet Gaming Desktop PC Zeus User Manual

Model: Zeus

1. PRODUCT OVERVIEW

The TechMagnet Zeus Gaming Desktop PC is designed for an immersive gaming experience, featuring high-quality components and customizable RGB lighting. This system is pre-configured with Windows 11 and includes essential peripherals to get you started.

Key Features:

- **Processor:** Intel Core i7 4th Gen for reliable performance.
- **Graphics:** AMD RX 550 GDDR5 4GB 128-bit for enhanced gaming visuals.
- **Memory:** 16GB RAM for multitasking.
- **Storage:** 240GB SSD for fast boot times and application loading.
- **Display:** Dual 27-inch Full HD (1920x1080) LED monitors with 75Hz refresh rate and IPS panel.
- **Peripherals:** RGB Keyboard, RGB Mouse, RGB Headphone, and Webcam included.
- **Operating System:** Windows 11.



Figure 1.1: TechMagnet Zeus Gaming Desktop PC with RGB lighting and internal components.



Figure 1.2: Front view of the TechMagnet Zeus Gaming Desktop PC tower, highlighting Intel Core i7, AMD RX 550, and 385 color changing LED patterns.



Figure 1.3: Side view of the TechMagnet Zeus Gaming Desktop PC tower, showcasing RGB lighting and various game titles.

2. WHAT'S IN THE BOX

Your TechMagnet Zeus Gaming Desktop PC package includes the following items:

- TechMagnet Zeus Desktop PC Tower
- Remote for RGB lighting control
- Webcam
- RGB Keyboard
- RGB Mouse
- RGB Headphone
- Dual 27-inch Monitors
- Power Cables
- Display Cables (HDMI/DisplayPort)

3. SETUP GUIDE

3.1 Connecting the Monitors

1. Place the monitors on a stable surface.
2. Connect the power cables to each monitor and plug them into a power outlet.
3. Connect the display cables (HDMI or DisplayPort) from the monitors to the corresponding ports on the back of the PC tower. Ensure you use the ports on the dedicated graphics card (usually located lower on the back panel).

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Video 3.1: This video demonstrates the features and setup of the MTG 27-inch Full HD monitor, including its refresh rate, response time, viewing angle, and color accuracy.



Figure 3.1: MTG 27-inch Full HD (1920x1080) LED monitor with IPS panel, 75Hz refresh rate, 3ms response time, and anti-flicker technology.

3.2 Connecting Peripherals

1. Connect the USB cable from the RGB Keyboard to an available USB port on the PC tower.
2. Connect the USB cable from the RGB Mouse to an available USB port on the PC tower.
3. Connect the USB cable from the RGB Headphone to an available USB port on the PC tower.

4. Connect the USB cable from the Webcam to an available USB port on the PC tower.



Figure 3.2: MTG RGB Keyboard and Mouse set, featuring multi-color backlighting.



RGB HEADPHONE

USB INTERFACE



50MM SPEAKER DRIVER



NOISE ISOLATION



AUDIO CONTROL



ADJUSTABLE MICROPHONE

Figure 3.3: MTG RGB Headphone with USB interface, 50mm speaker driver, noise isolation, audio control, and adjustable microphone.



Figure 3.4: MTG WS-CA-02 Webcam with 1080p HD visual, high quality sound, 5-glass lens, auto white balance, and built-in mic.

3.3 Powering On

1. Connect the PC tower's power cable to the power supply unit (PSU) on the back of the tower and then to a power outlet.
2. Press the power button on the front of the PC tower.
3. The system will boot into Windows 11. Follow any on-screen prompts for initial setup.

4. OPERATING INSTRUCTIONS

4.1 Windows 11 Operating System

Your TechMagnet Zeus PC comes pre-installed with Windows 11. Familiarize yourself with the Windows 11 interface for optimal use. Updates will be automatically downloaded and installed to keep your system secure and up-to-date.

4.2 RGB Lighting Control

The PC tower features RGB LED lighting on the front panel. Use the included remote control to change lighting patterns, adjust speed, and select from 385 color changing patterns.

4.3 Gaming Performance

The AMD RX 550 GDDR5 4GB graphics card provides increased performance for various games. Ensure your game drivers are up-to-date for the best experience. The system supports AMD FreeSync technology for fluid gameplay with compatible monitors.

The advertisement features a black and red background. At the top left, the text 'RADEON' is written in a large, spaced-out font, with 'RX 550' below it in a similar style. To the right is the AMD logo and 'RADEON GRAPHICS' in a red box. Below this, '4GB GDDR5 GRAPHICS' is written in large white letters, followed by 'CREAT, DESIGN & GAME' in a smaller font. On the right side, a photograph of the AMD Radeon RX 550 graphics card is shown at an angle. The card is black with blue capacitors and a yellow PCIe connector. Below the text and card image, there are five game covers: Grand Theft Auto V, Fortnite, Minecraft, League of Legends, and Dota 2. At the bottom right, the text 'ITS PLAY TIME..' is written in large white letters.

Figure 4.1: AMD Radeon RX 550 4GB GDDR5 Graphics card, suitable for various popular games.



Figure 4.2: AMD Radeon RX 550 graphics card performance benchmarks for various games.

5. MAINTENANCE

5.1 Cleaning

- **Exterior:** Use a soft, damp cloth to clean the exterior surfaces of the PC tower and monitors. Avoid abrasive cleaners.
- **Dust:** Periodically use compressed air to clear dust from the PC's vents and fans to ensure proper airflow and prevent overheating.
- **Screen:** Use a microfiber cloth specifically designed for electronics to clean monitor screens.

5.2 Software Updates

Regularly check for and install updates for Windows 11, graphics drivers, and other software to maintain system performance and security.

5.3 Data Backup

It is recommended to regularly back up important data to an external drive or cloud storage to prevent data loss.

6. TROUBLESHOOTING

6.1 No Power

- Ensure all power cables are securely connected to the PC, monitors, and power outlets.
- Verify that the power outlet is functional by plugging in another device.

6.2 No Display on Monitor

- Check that the display cables (HDMI/DisplayPort) are firmly connected to both the monitors and the graphics card ports on the PC tower.
- Ensure the monitors are powered on and set to the correct input source.
- Try connecting only one monitor at a time to isolate the issue.

6.3 Peripherals Not Responding

- Verify that USB cables for the keyboard, mouse, headphone, and webcam are securely plugged into the PC.
- Try connecting the peripherals to different USB ports.
- Restart the PC.

6.4 System Slowdown

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates or driver updates.
- Run a disk cleanup and defragmentation (for HDD, not necessary for SSD).

7. SPECIFICATIONS

Component	Specification
Brand	TechMagnet
Series	Zeus
Processor	Intel Core i7 (4th Gen), 3.5 GHz
RAM	16 GB DDR4 SDRAM
Hard Drive	240 GB SSD
Graphics Card	AMD RX 550 GDDR5 4GB (Dedicated)
Operating System	Windows 11
Monitor Screen Size	27 Inches (Dual)
Monitor Resolution	1920 x 1080 (Full HD)

Component	Specification
Monitor Refresh Rate	75 Hz
Monitor Response Time	3 ms
Hardware Platform	PC
Color	Black
Power Source	AC

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This TechMagnet Zeus Gaming Desktop PC is a renewed product and typically comes with a 90-day refund/replacement return policy. Please refer to your purchase documentation or contact the seller for specific warranty details and duration.

8.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Tech Magnet customer support or the seller directly. Have your product model number (Zeus) and purchase information ready when contacting support.