

Mars Gaming MC-3TCORELCDM

Mars Gaming MC-3TCORELCDM Micro-ATX Gaming Case Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Mars Gaming MC-3TCORELCDM Micro-ATX Gaming Case. This case features an integrated 7.2-inch IPS screen, triple tempered glass panels, and a dual-chamber structure designed to optimize airflow and provide a clean aesthetic for your PC build.

2. SETUP AND INSTALLATION

Before beginning installation, ensure all components are compatible with the MC-3TCORELCDM case. This case supports Micro-ATX and Mini-ITX motherboards.

2.1. Internal Component Installation

The MC-3TCORELCDM case offers optimized internal space for various components:

- **Motherboard Compatibility:** Micro-ATX, Mini-ITX
- **VGA (Graphics Card) Support:** Up to 415mm length, 150mm width
- **CPU Cooler Height:** Up to 160mm
- **Expansion Slots:** 5
- **Drive Bays:** 2x 3.5" HDD / 3x 2.5" SSD (refer to diagram for specific locations)

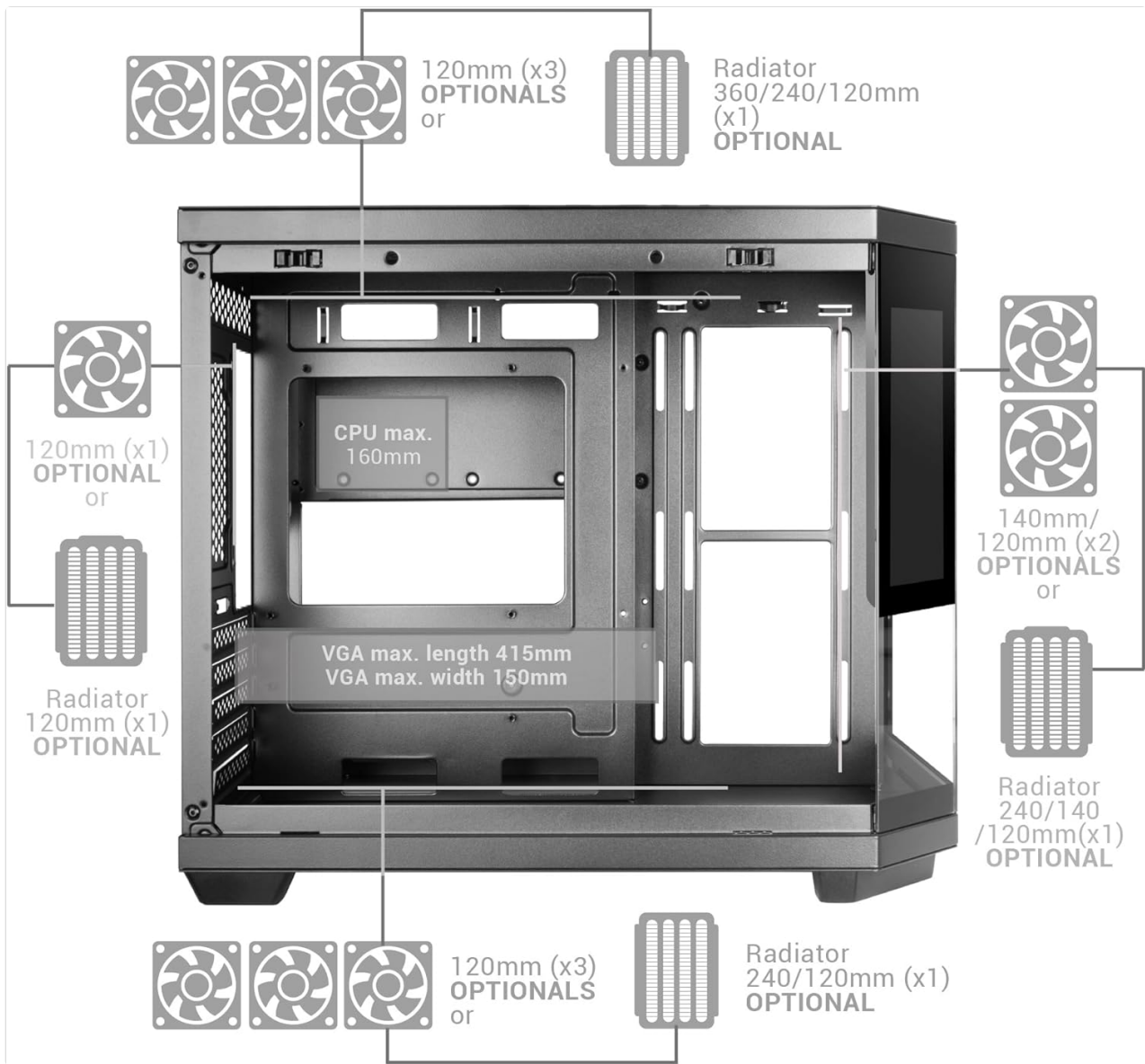


Figure 1: Internal layout diagram with component dimensions and optional cooling placements.



Figure 2: Detailed view of internal drive bay locations for 3.5" HDDs and 2.5" SSDs.

2.2. Cooling System Installation

The case supports extensive cooling configurations:

- **Fan Capacity:** Up to 9x 120mm fans or 2x 140mm + 6x 120mm fans.
- **Liquid Cooling Support:** Up to 360mm radiators.



Liquid cooling support up to 360mm
and up to 9 fans

Figure 3: Example of liquid cooling installation within the MC-3TCORELCDM case, supporting up to 360mm radiators and multiple fans.

2.3. Dual Chamber Structure

The dual-chamber design separates the power supply unit (PSU) and cables from the main hardware components, improving airflow and cable management.

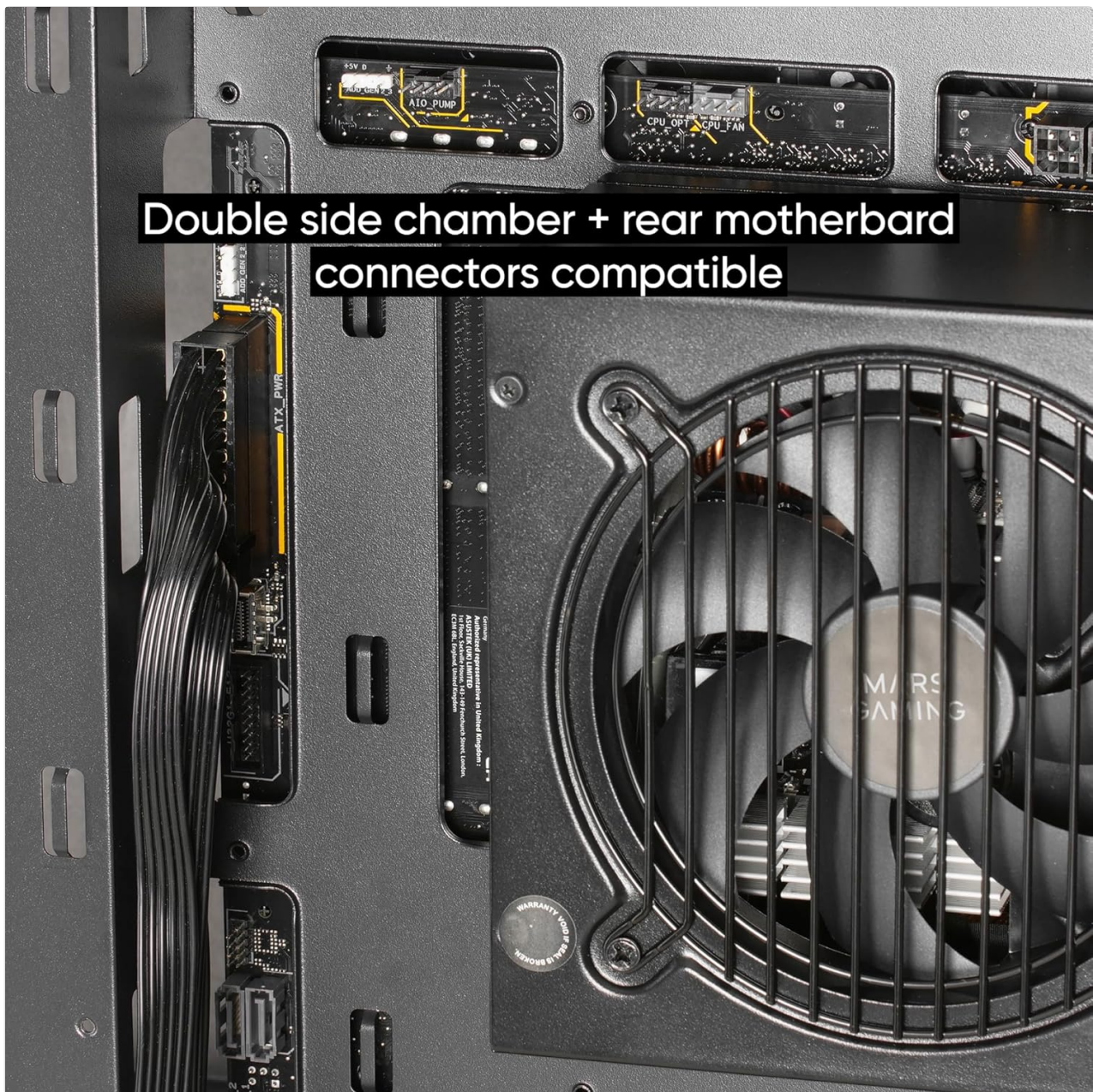


Figure 4: View of the double side chamber, illustrating space for cable routing and rear motherboard connectors.

3. OPERATING INSTRUCTIONS

3.1. Integrated 7.2" IPS Screen

The MC-3TCORELCDM features a 7.2-inch IPS screen integrated into the central tempered glass panel. This screen can display system telemetry (temperatures, usage), custom images, animations, or videos using its dedicated control software.

7.2" customizable IPS display

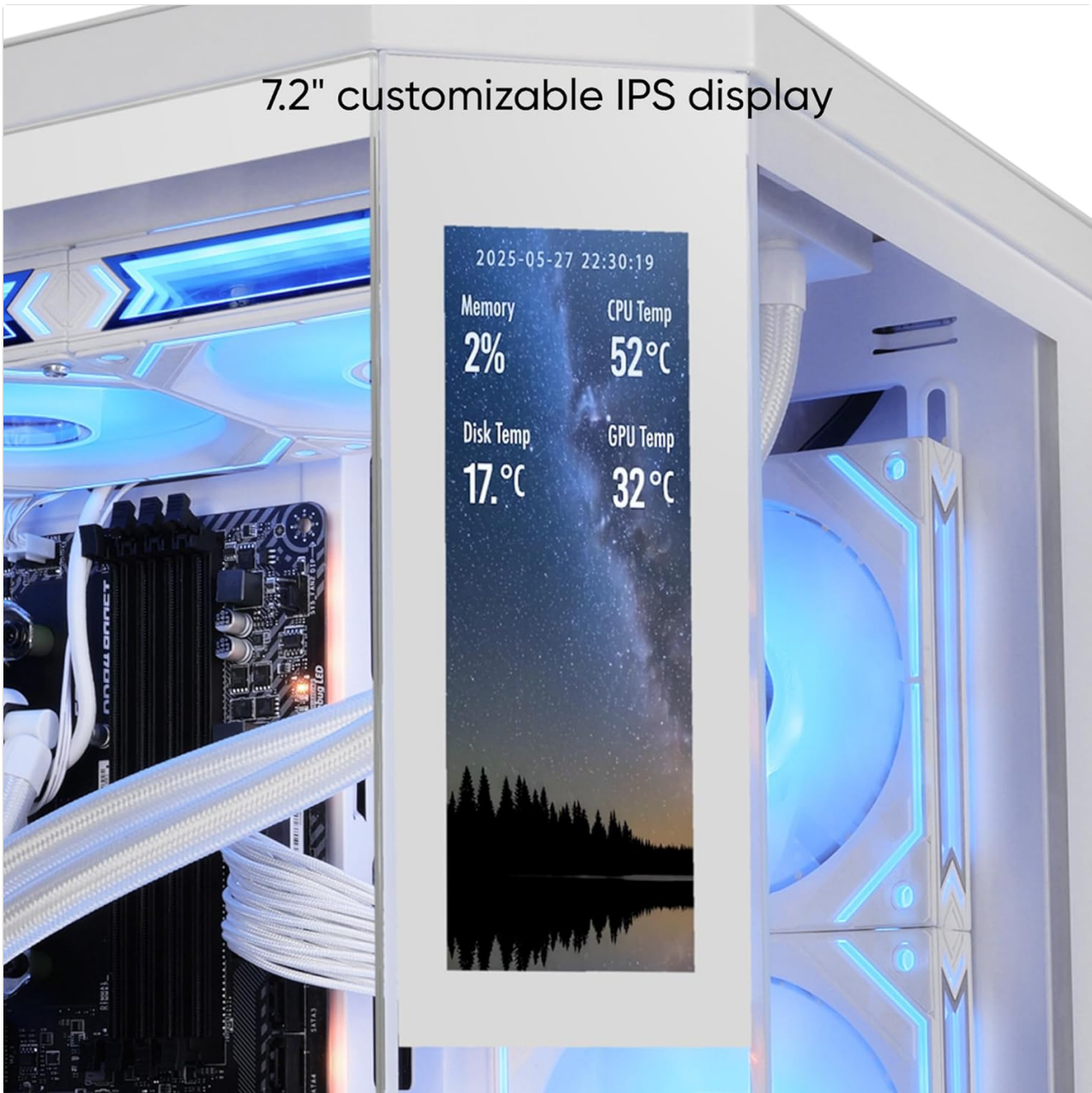


Figure 5: The 7.2-inch IPS display showing real-time system information such as memory, CPU, disk, and GPU temperatures.

3.2. Top Panel Connectivity

The top panel provides convenient access to various ports for immediate connection of peripherals.

- 1x USB-C Port
- 1x USB 3.0 Port
- 1x USB 2.0 Port
- HD Audio + Microphone Jacks



Figure 6: Top panel connectivity options for easy access to peripherals.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your PC case.

4.1. Dust Filters

The MC-3TCORELCDM case includes magnetic dust filters on the top and bottom panels. Periodically remove and clean these filters to prevent dust buildup and maintain efficient airflow.

4.2. Tempered Glass Panels

The triple tempered glass panels can be cleaned with a soft, lint-free cloth and a mild glass cleaner. Avoid abrasive materials or harsh chemicals that could scratch or damage the glass.

Panoramic view with triple tempered glass

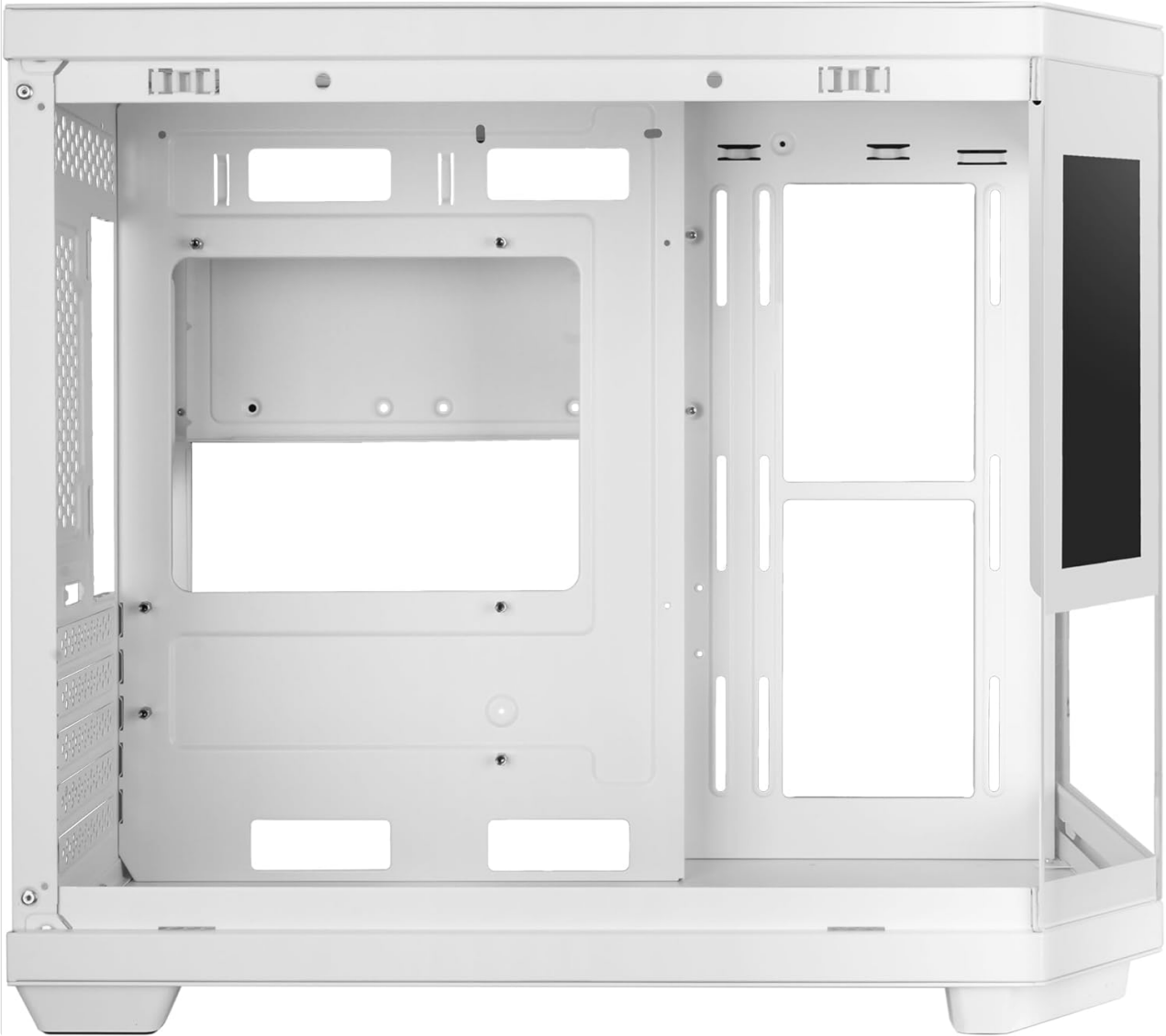


Figure 7: Panoramic view of the case highlighting the triple tempered glass panels.

5. TROUBLESHOOTING

If you encounter issues with your MC-3TCORELCDM case, consider the following general troubleshooting steps:

- **Power Issues:** Ensure all power cables are securely connected to the power supply, motherboard, and components. Verify the power supply switch is in the 'ON' position.
- **Cooling Performance:** Check that all fans are spinning correctly and are free from obstructions. Ensure dust filters are clean. Verify liquid cooling pumps are operational if installed.
- **Connectivity:** If USB or audio ports are not functioning, ensure the internal headers are correctly connected to the motherboard.
- **IPS Screen:** If the IPS screen is not displaying correctly, check its power and data connections. Refer to the dedicated control software for display settings and troubleshooting.
- **Component Fit:** Double-check that all components are installed according to the specified dimensions and clearances.

For specific component-related issues, refer to the respective component manuals (e.g., motherboard, GPU, PSU).

6. SPECIFICATIONS

Feature	Detail
Brand	Mars Gaming
Model Name	MC3TCORELCDMW
Case Type	Tower
Motherboard Compatibility	Micro ATX, Mini ITX
Material	Tempered Glass
Color	White
Item Dimensions (D x W x H)	17.13"D x 11.3"W x 14.57"H
Item Weight	5.88 Kilograms
VGA Max. Length	415mm
VGA Max. Width	150mm
CPU Cooler Max. Height	160mm
Fan Capacity	Up to 9x 120mm or 2x 140mm + 6x 120mm
Liquid Cooling Support	Up to 360mm
Internal Bays	2x 3.5" HDD / 3x 2.5" SSD
Total USB 3.0 Ports	1
Other Special Features	Dust Filter, Integrated 7.2" IPS Screen

7. WARRANTY AND SUPPORT

Mars Gaming products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please visit the official Mars Gaming website or contact their customer support directly. Keep your proof of purchase for warranty claims.