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## Mars Gaming MC3TCORELCD

# Mars Gaming MC-3TCORELCD ATX Gaming Case User Manual

Model: MC3TCORELCD

## 1. PRODUCT OVERVIEW

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The Mars Gaming MC-3TCORELCD is an ATX gaming case designed for PC enthusiasts. It features an integrated 7.2-inch IPS screen, triple removable tempered glass panels, and a dual-chamber structure for efficient cable management and optimized airflow. This manual provides instructions for assembly, operation, and maintenance of the MC-3TCORELCD case.



Figure 1: Mars Gaming MC-3TCORELCD ATX Gaming Case.

## 2. SETUP AND INSTALLATION

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This section details the steps for installing your components into the MC-3TCORELCD case.

### 2.1 Preparing the Case

1. **Remove Side Panels:** The MC-3TCORELCD features triple tempered glass panels that are removable without screws. Carefully detach the front, side, and central panels to access the interior.
2. **Accessory Kit:** Locate the accessory kit containing screws, cable ties, and other mounting hardware.

# Panoramic view with removable triple tempered glass

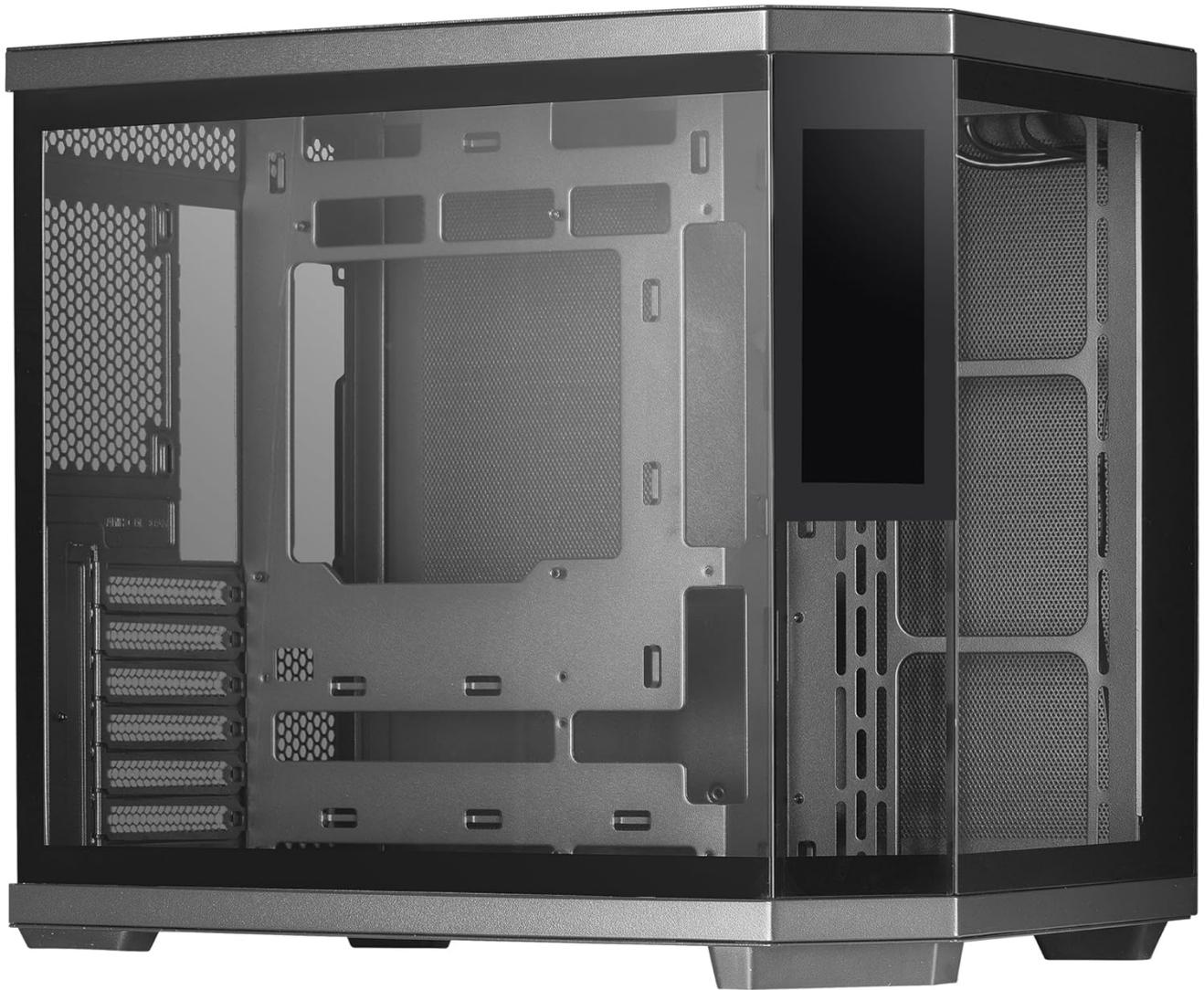


Figure 2: Panoramic view with removable triple tempered glass for easy access.

## 2.2 Motherboard Installation

The case supports ATX, MicroATX, and Mini-ITX motherboards, including those with inverted connectors.

1. **Install Standoffs:** Ensure the correct standoffs are installed for your motherboard form factor.
2. **Mount Motherboard:** Carefully place the motherboard onto the standoffs and secure it with the provided screws.

## 2.3 Drive Installation

The case provides internal bays for storage devices.

- **3.5" HDD:** Up to 2x 3.5" HDDs can be installed.
- **2.5" SSD:** Up to 3x 2.5" SSDs can be installed.

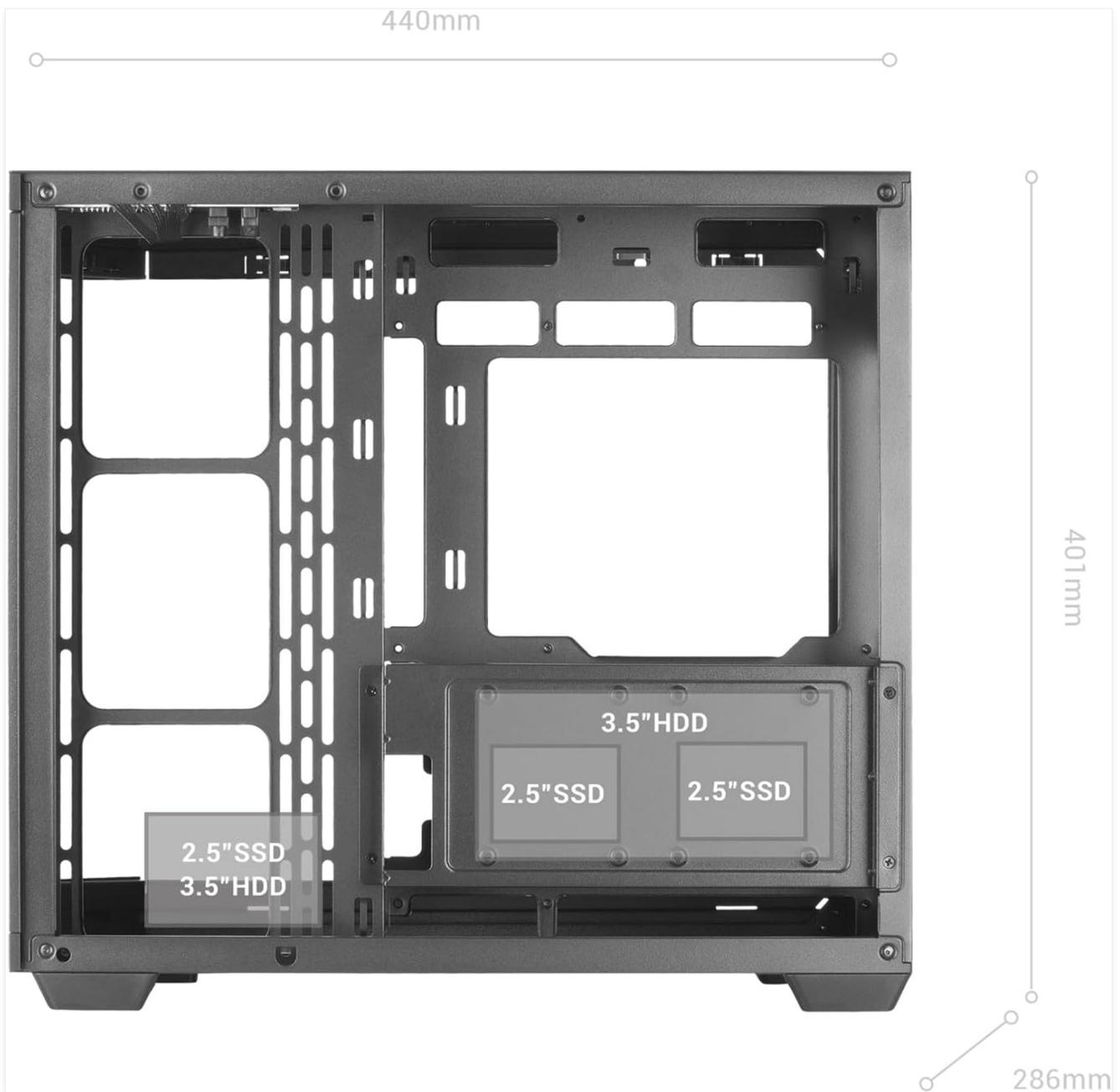


Figure 3: Internal layout indicating drive bay positions.

## 2.4 Power Supply and Cable Management

The dual-chamber design facilitates clean cable routing.

1. **Install Power Supply:** Mount your ATX power supply in the designated bottom-mount area.
2. **Route Cables:** Utilize the dual-chamber structure to route cables behind the motherboard tray, minimizing clutter and improving airflow.

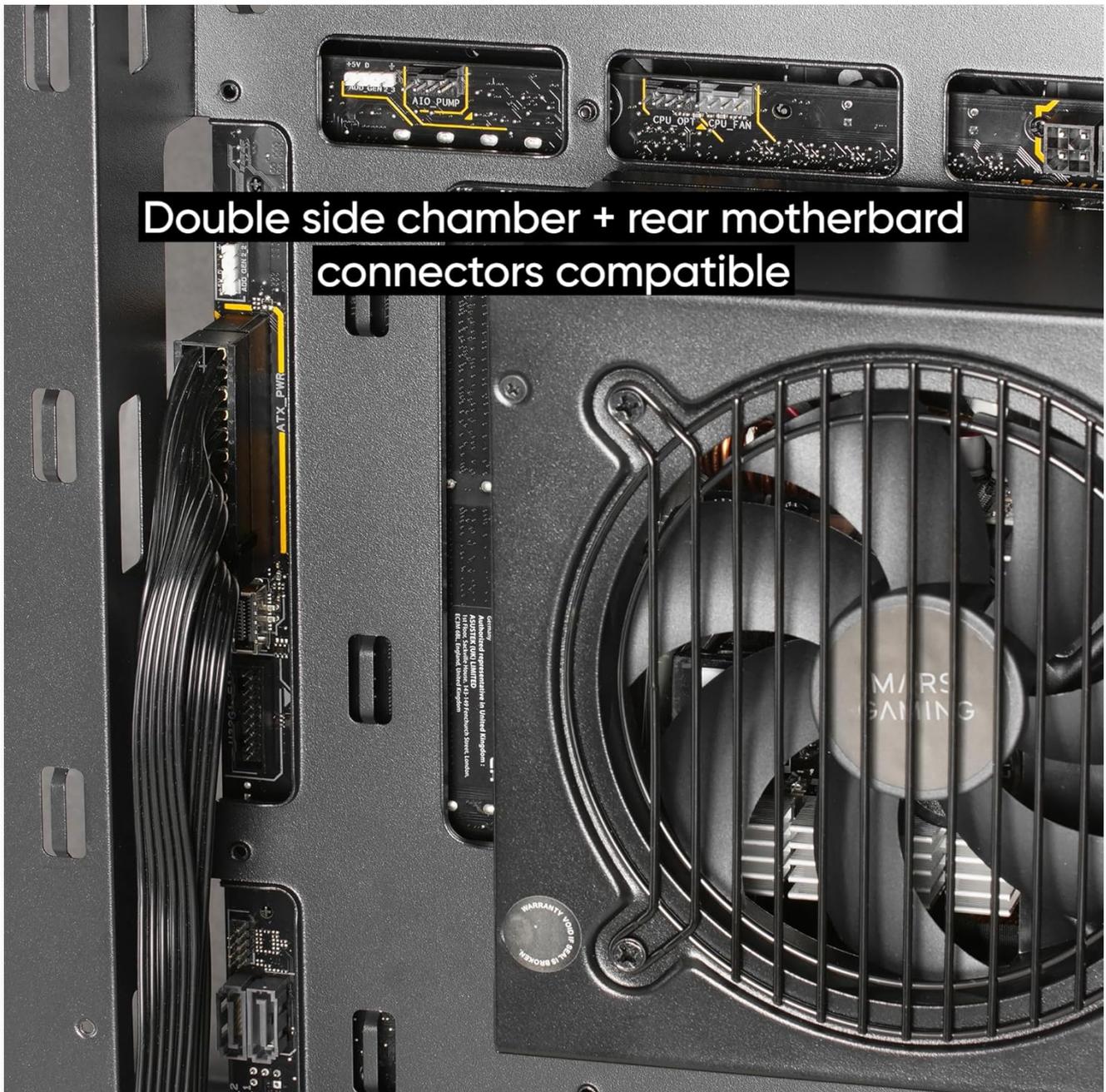


Figure 4: Double side chamber for efficient cable management.

## 2.5 Cooling System Installation

The case supports extensive air and liquid cooling solutions.

- **Fans:** Install up to 10x 120mm fans or a combination of 7x 120mm and 2x 140mm fans.
- **Liquid Cooling:** Supports liquid cooling radiators up to 360mm.



Figure 5: Liquid cooling and fan installation options.

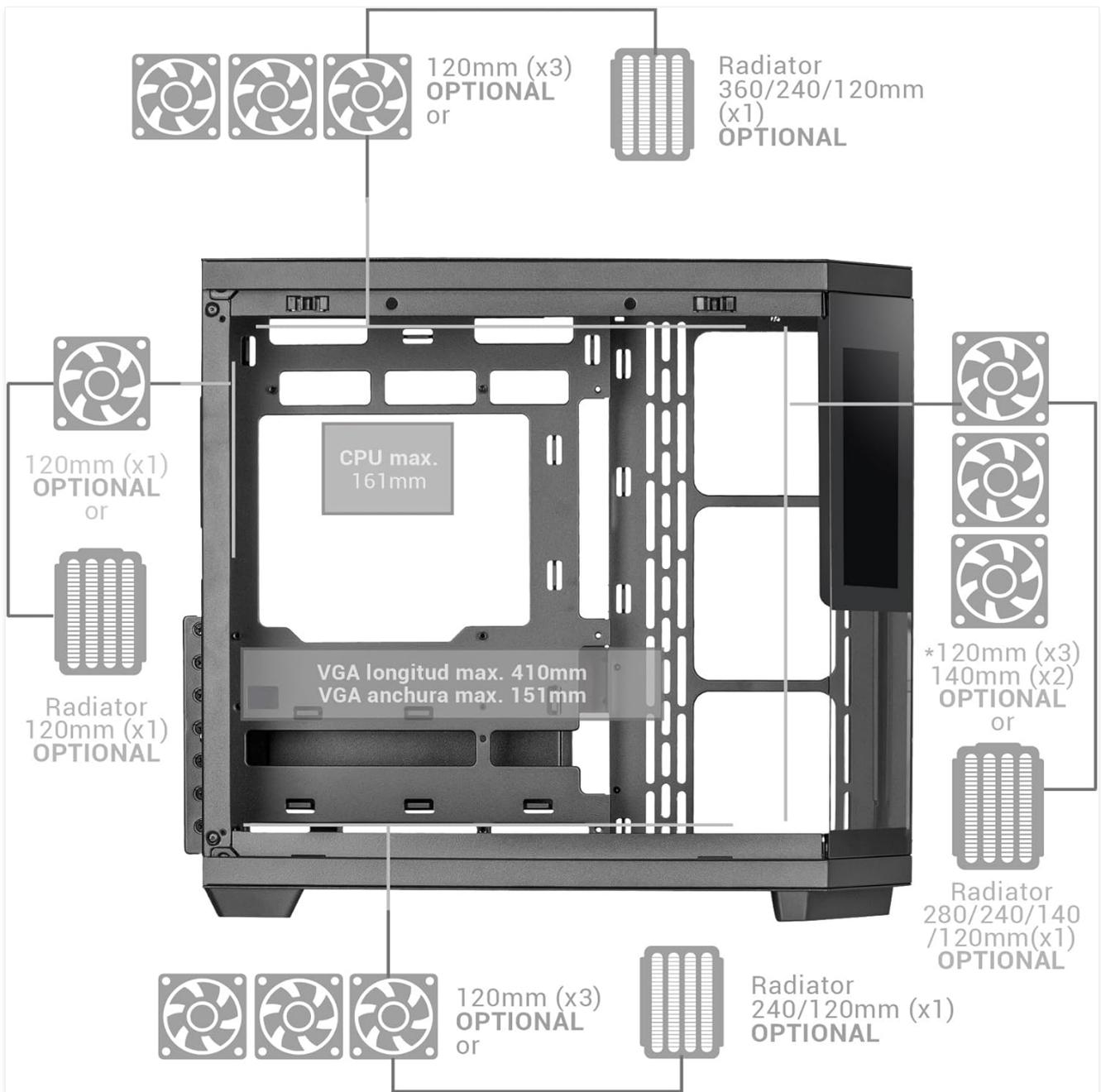


Figure 6: Detailed fan and radiator compatibility diagram.

## 2.6 Top Panel Connectivity

Connect the front panel headers from your motherboard to the corresponding ports on the case's top panel.

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



USB-C, USB 3.0, USB 2.0 and HD audio + mic on the top panel.

Figure 7: Top panel connectivity ports.

### 3. OPERATING THE IPS SCREEN

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The integrated 7.2-inch IPS screen allows for real-time system monitoring and custom visual displays.

1. **Software Installation:** Install the dedicated control software for the IPS screen (refer to the manufacturer's website for download).
2. **Connectivity:** Ensure the screen is properly connected to your motherboard or graphics card as per the installation guide.
3. **Customization:** Use the software to display system telemetry (temperatures, usage), custom images, animations, or videos.



Figure 8: Customizable 7.2-inch IPS screen in operation.

## 4. MAINTENANCE

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

- **Dust Filters:** The case includes two magnetic dust filters. Regularly remove and clean these filters to prevent dust buildup and maintain efficient airflow.
- **Interior Cleaning:** With the removable tempered glass panels, the interior is easily accessible for cleaning. Use compressed air to remove dust from components and a soft, dry cloth for surfaces.
- **Glass Panels:** Clean tempered glass panels with a microfiber cloth and a glass cleaner suitable for electronics.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter.

- **Poor Airflow:** Ensure all fan positions are utilized effectively and dust filters are clean. Verify that cables are managed to not obstruct airflow.
- **IPS Screen Not Displaying:** Check all cable connections to the motherboard/graphics card. Ensure the control software is installed and running correctly. Consult the software's troubleshooting guide.
- **Component Fit Issues:** Refer to the specifications for maximum component dimensions (GPU length, CPU cooler height). Ensure components are correctly seated and secured.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Mars Gaming
Model Name	MC3TCORELCD
Color	Black
Case Type	Mid Tower
Material	Tempered Glass
Motherboard Compatibility	ATX, Micro ATX, Mini ITX
Internal Drive Bays	2x 3.5" HDD / 3x 2.5" SSD
Max GPU Length	410mm
Max GPU Width	151mm
Max CPU Cooler Height	161mm
Fan Capacity	Up to 10x 120mm or 7x 120mm + 2x 140mm
Liquid Cooling Support	Up to 360mm radiators
Power Supply Mounting Type	Bottom Mount (ATX)
Cooling Method	Air
Special Features	Dust filter, 7.2" IPS Customizable Screen, Triple Removable Tempered Glass, Dual Chamber Structure
Top Panel Connectivity	USB-C, USB 3.0, USB 2.0, HD Audio + Mic
Item Weight	6.58 Kilograms

## 7. WARRANTY INFORMATION

This product comes with a **3-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Mars Gaming website or contact customer support.

## 8. SUPPORT

For further assistance, technical support, or to download the latest drivers and software for the IPS screen, please visit the official Mars Gaming website:

[www.marsgaming.eu](http://www.marsgaming.eu)

You may also contact Mars Gaming customer service through the contact information provided on their website.