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## Mars Gaming MC-LCDX

# Mars Gaming MC-LCDX ATX Gaming Case User Manual

Model: MC-LCDX

## 1. INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your Mars Gaming MC-LCDX ATX Gaming Case. This case features a 9.16-inch IPS display with HDMI connectivity, continuous tempered glass panels, a lower full mesh panel for enhanced airflow, and support for up to 360mm water cooling systems. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your product.

## 2. SAFETY INFORMATION

- Always disconnect power before installing or removing components.
- Handle tempered glass panels with care to prevent breakage.
- Ensure proper grounding to avoid electrical hazards.
- Keep the case away from liquids and excessive humidity.
- Do not attempt to modify the case structure, as this may void the warranty and cause damage.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Mars Gaming MC-LCDX ATX Gaming Case
- Accessory Box (screws, cable ties, standoffs)
- User Manual (this document)
- HDMI Cable (for IPS screen)
- Power Cable (for IPS screen, if separate)

## 4. SETUP AND INSTALLATION

### 4.1 Preparing the Case

Place the case on a stable, flat surface. Carefully remove the tempered glass side panels by unscrewing the thumb screws at the rear of the case and sliding the panels off.



Image 1: Front view of the Mars Gaming MC-LCDX case, showcasing its internal layout with installed components and RGB fans. The integrated IPS screen is visible at the bottom front.

## 4.2 Motherboard Installation

Install the appropriate standoffs for your ATX motherboard. Carefully place the motherboard into the case, aligning it with the standoffs and the I/O shield opening. Secure the motherboard with screws.

## 4.3 Power Supply Installation

The MC-LCDX features a double chamber system. Install your ATX power supply in the designated lower compartment. Secure it with screws from the rear of the case.

## 4.4 Storage Drive Installation

The case supports multiple 2.5" SSDs and 3.5" HDDs. Utilize the drive bays located behind the motherboard tray for installation. Refer to the internal layout diagram for specific locations.



Image 2: The Mars Gaming MC-LCDX case highlighting the 9.16-inch IPS display and its HDMI connection capability. A monitor is shown next to the case for scale.

## 4.5 Graphics Card and Expansion Card Installation

Remove the necessary PCIe slot covers. Insert your graphics card or other expansion cards into the motherboard's PCIe slots and secure them with screws.

# SEAMLESS TEMPERED GLASS DESIGN

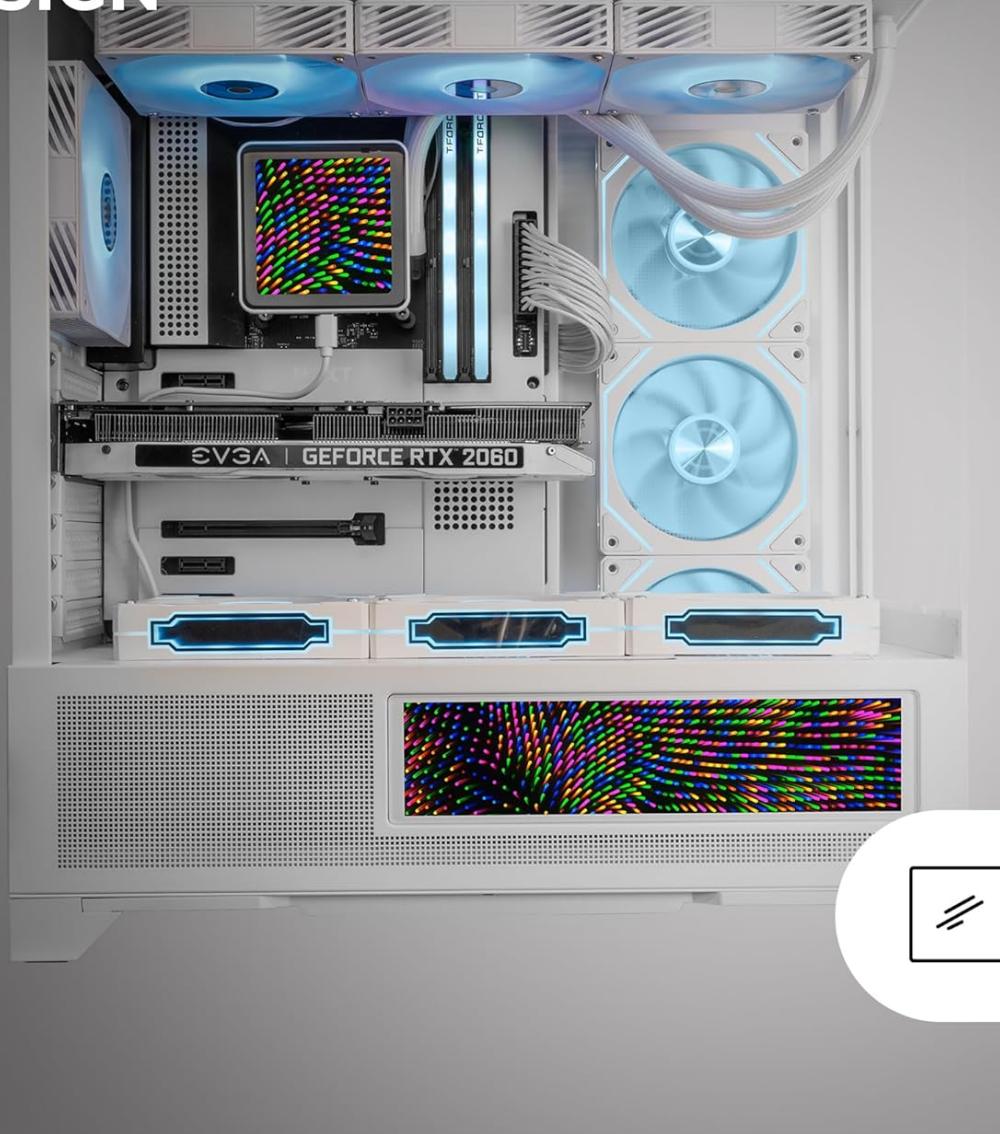


Image 3: A close-up view of the Mars Gaming MC-LCDX case, emphasizing its seamless tempered glass design on the front and side panels, providing a clear view of internal components.

## 4.6 Cooling System Installation (Fans/Water Cooling)

The MC-LCDX supports water cooling radiators up to 360mm. Install fans or radiators in the designated mounting points (top, side, bottom, rear). Ensure proper airflow direction.



Image 4: The Mars Gaming MC-LCDX case showcasing its compatibility with liquid cooling systems, specifically highlighting support for radiators up to 360mm.

#### 4.7 Connecting the IPS Screen

Connect the included HDMI cable from your graphics card or motherboard to the HDMI input on the MC-LCDX's integrated IPS screen. Connect the screen's power cable to a suitable power source (e.g., SATA power from PSU or USB header, depending on screen design).

#### 4.8 Cable Management

Utilize the cable routing cutouts and tie-down points behind the motherboard tray to manage cables. This improves airflow and aesthetics.

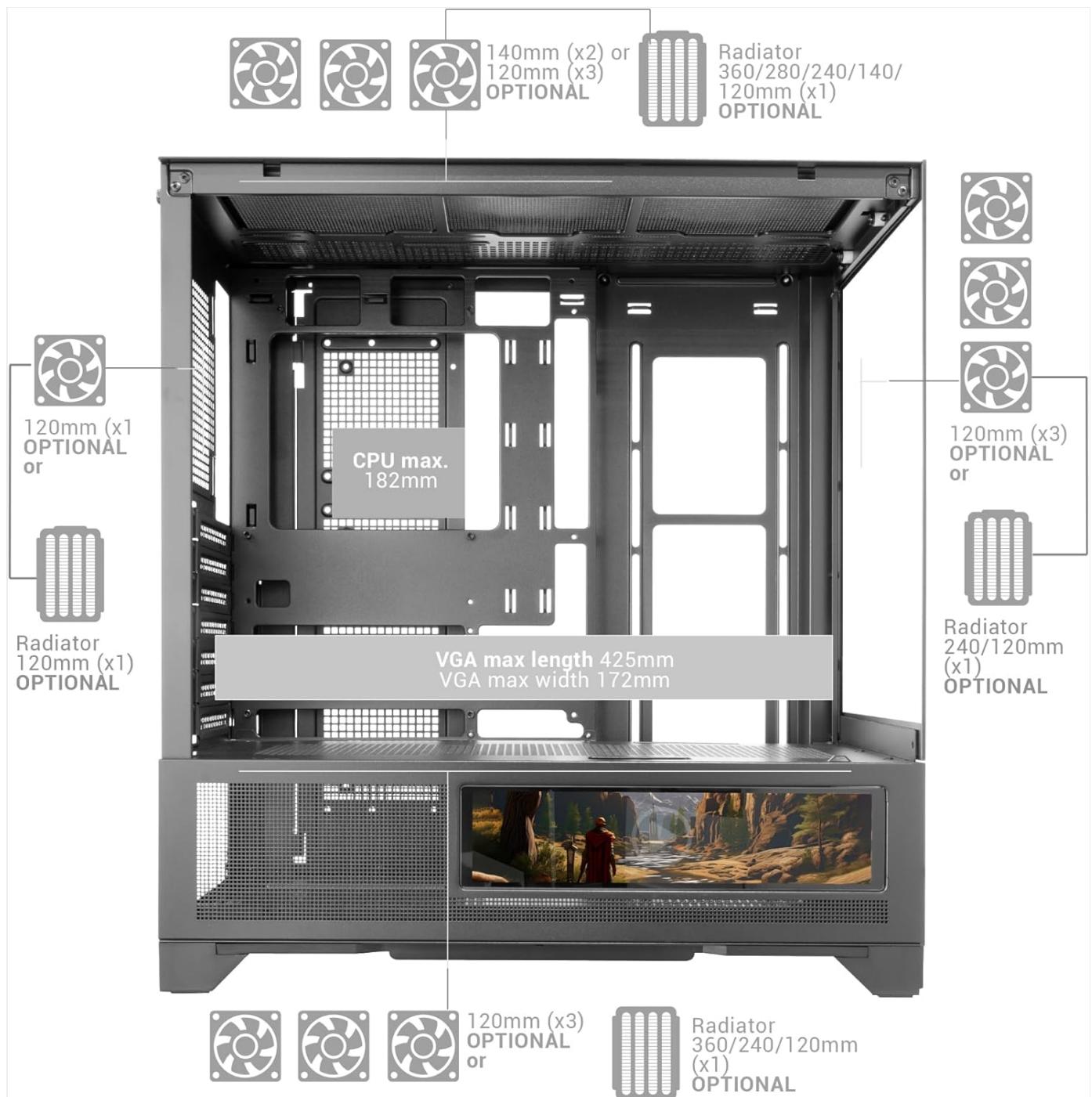


Image 5: An exploded diagram of the Mars Gaming MC-LCDX case, illustrating various fan and radiator mounting options and component clearances, including CPU cooler height and GPU length.



Image 6: A rear internal view of the Mars Gaming MC-LCDX case, detailing the locations for 2.5" SSD and 3.5" HDD installations behind the motherboard tray, along with overall case dimensions.

## 4.9 Final Assembly

Once all components are installed and cables are managed, reattach the tempered glass side panels and secure them with the thumb screws.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On

Connect the power cable to your power supply and an electrical outlet. Press the power button located on the front I/O panel to start your system.



Image 7: A close-up of the Mars Gaming MC-LCDX's front I/O panel, showing the power button, USB ports (including USB-C), and audio jacks for convenient peripheral connectivity.

## 5.2 Using the IPS Screen

The integrated 9.16-inch IPS screen will display content from the connected HDMI source. You may need to configure display settings within your operating system to extend or duplicate your main display to the IPS screen.



Image 8: The Mars Gaming MC-LCDX case illuminated with vibrant RGB lighting, demonstrating the aesthetic potential and visibility of internal components through the tempered glass panels.

### 5.3 Front I/O Ports

The front I/O panel provides convenient access to USB ports (including USB-C), audio jacks, and the power/reset buttons. Connect your peripherals as needed.

## 6. MAINTENANCE

### 6.1 Dust Filter Cleaning

The MC-LCDX includes dust filters to prevent dust accumulation. Regularly clean these filters (e.g., monthly) by removing them and gently brushing or washing them with water. Ensure they are completely dry before reinstallation.



Image 9: A view of the Mars Gaming MC-LCDX case from a slightly elevated angle, highlighting the full mesh bottom panel designed for optimal airflow and dust filtration.

## 6.2 Case Cleaning

Wipe the exterior of the case with a soft, damp cloth. For tempered glass panels, use a glass cleaner and a microfiber cloth to avoid streaks. Avoid abrasive cleaners.

## 6.3 Internal Component Check

Periodically inspect internal components for dust buildup. Use compressed air to gently clean fans, heatsinks, and other components. Ensure all connections remain secure.

## 7. TROUBLESHOOTING

## 7.1 System Not Powering On

- Check if the power cable is securely connected to the power supply and the wall outlet.
- Ensure the power supply switch is in the "ON" position.
- Verify that the front panel power button cable is correctly connected to the motherboard.
- Confirm that all internal power connections (24-pin ATX, CPU, GPU) are secure.

## 7.2 IPS Screen Not Displaying

- Ensure the HDMI cable is securely connected from your graphics card/motherboard to the screen.
- Verify the screen's power cable is connected.
- Check your operating system's display settings to ensure the screen is detected and configured.
- Try a different HDMI port or cable if available.

## 7.3 Excessive Noise

- Identify the source of the noise (e.g., fan, hard drive).
- Clean any dusty fans.
- Ensure all components are securely mounted to prevent vibrations.

## 8. SPECIFICATIONS

Feature	Detail
Model	MC-LCDX
Case Type	ATX Gaming Case (Full Tower)
Dimensions (L x W x H)	44.3 x 24.6 x 47.5 cm
Weight	7.35 kg
Material	Tempered Glass
Motherboard Support	ATX
IPS Screen Size	9.16 inches
IPS Screen Connection	HDMI
Water Cooling Support	Up to 360mm radiators
Special Features	Dust Filter, Lower Full Mesh Panel, Double Chamber System
Internal Drive Bays	3 (Total, for 2.5" SSD / 3.5" HDD)

## 9. WARRANTY INFORMATION

Mars Gaming products are covered by a limited warranty. Please refer to the official Mars Gaming website or your point of purchase for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

## 10. TECHNICAL SUPPORT

For technical assistance, troubleshooting, or further inquiries, please visit the official Mars Gaming support website or contact their customer service department. Contact information can typically be found on the Mars Gaming website. Official Mars Gaming Website: [www.marsgaming.eu](http://www.marsgaming.eu)

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## Related Documents - MC-LCDX

	<p><a href="#"><u>Mars Gaming MC-3TCORE PC Case User Manual and Installation Guide</u></a></p> <p>Comprehensive user manual and installation guide for the Mars Gaming MC-3TCORE PC case, covering component installation, security, troubleshooting, warranty, and compliance.</p>
	<p><a href="#"><u>Mars Gaming MCX ATX PC Case Manual: I/O Panel, Accessories, and Drive Bay Installation</u></a></p> <p>User manual for the Mars Gaming MCX ATX PC Gaming Case. This guide covers the I/O panel layout, accessory components, and installation of 2.5" SSD and 3.5" HDD drives. Includes essential safety and disposal information.</p>
	<p><a href="#"><u>Mars Gaming MC-INFINIO PC Case User Manual and Installation Guide</u></a></p> <p>Comprehensive user manual and installation guide for the Mars Gaming MC-INFINIO computer case, detailing setup, features, troubleshooting, and safety information.</p>
	<p><a href="#"><u>Mars Gaming MC-GEO Midi Tower PC Case User Manual and Installation Guide</u></a></p> <p>Comprehensive user manual for the Mars Gaming MC-GEO Midi Tower PC case, covering installation, features, safety, troubleshooting, warranty, and contact information.</p>
	<p><a href="#"><u>Mars Gaming MC-CURV &amp; MC-CURVW Midi Tower User Manual</u></a></p> <p>Official user manual for the Mars Gaming MC-CURV and MC-CURVW Midi Tower computer cases, providing setup, installation, and usage information.</p>
	<p><a href="#"><u>Mars Gaming MC-CYLON PC Case User Manual and Installation Guide</u></a></p> <p>Comprehensive user manual and installation guide for the Mars Gaming MC-CYLON PC case, covering specifications, component installation, troubleshooting, and warranty information.</p>