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> Lian Li LANCOOL 205M MESH Micro ATX PC Case Instruction Manual

## Lian Li LANCOOL 205M MESH

# Lian Li LANCOOL 205M MESH Micro ATX PC Case Instruction Manual

Model: LANCOOL 205M MESH

## INTRODUCTION

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This manual provides detailed instructions for the assembly, operation, and maintenance of your Lian Li LANCOOL 205M MESH Micro ATX PC Case. Please read this manual thoroughly before beginning installation to ensure proper setup and optimal performance.

## KEY FEATURES

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- **Optimized Airflow:** Features an upgraded mesh front panel for enhanced air ventilation and includes magnetic dust filters on the top and bottom.
- **Pre-installed ARGB PWM Fans:** Equipped with two 140mm ARGB PWM fans in the front, designed to sync lighting effects with your motherboard.
- **Micro ATX Compatibility:** Supports Micro ATX (mATX) and Mini-ITX motherboards, offering ample space for component installation.
- **Tempered Glass Side Panel:** A clear tempered glass side panel provides a view of internal components.
- **User-Friendly Design:** Includes removable SSD mounting brackets and a bottom-mounted PSU/HDD bay for simplified installation.
- **Efficient Cable Management:** Features extra space behind the motherboard tray for organized cable routing.
- **Integrated I/O Panel:** Top-mounted I/O essentials include 2x USB 3.0 Type-A ports, Power button, Reset button, Power LED, HDD LED, audio out, and audio in.

## PACKAGE CONTENTS

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- Lian Li LANCOOL 205M MESH Micro ATX PC Case
- 2 x 140mm ARGB PWM Fans (pre-installed)
- Accessory Box (screws, zip ties, standoffs, etc.)
- User Manual

## SETUP INSTRUCTIONS

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### 1. Unboxing and Initial Inspection

Carefully remove the PC case from its packaging. Inspect the case for any signs of damage during transit. Retain all packaging materials for future transport or warranty claims.

### 2. Removing Side Panels

Locate the thumbscrews on the rear of the case securing the tempered glass side panel and the solid steel side panel. Unscrew them and carefully remove both panels. Place them on a soft, flat surface to prevent scratches.



Image: Front-left view of the LANCOOL 205M MESH case with the tempered glass side panel removed, showcasing the spacious interior and pre-installed ARGB fans.

### 3. Motherboard Installation

Install the necessary motherboard standoffs for your Micro ATX or Mini-ITX motherboard. Carefully align your motherboard with the standoffs and the rear I/O shield. Secure the motherboard using the provided screws.

# Tempered glass side panel

Allows for a great view of your RGB components



Image: Interior of the PC case, indicating the compatible areas for Mini-ITX and Micro ATX motherboards with a yellow outline.

## 4. Power Supply Unit (PSU) Installation

The PSU is installed at the bottom of the case. Remove the PSU mounting bracket from the rear of the case, attach it to your PSU, and then slide the PSU into the bay from the rear. Secure the bracket with screws.

## 5. Storage Drive Installation

The case supports 3 x 2.5" SSDs + 1 x 3.5" HDD or 2 x 2.5" SSDs + 2 x 3.5" HDDs. Utilize the removable SSD mounting brackets and the bottom HDD bay for installation.

# Spacious Interior

Fits changable motherboard size



Image: A composite image showing the top I/O panel with USB ports and buttons, and a close-up of the internal storage drive bay for HDDs and SSDs.

## 6. Graphics Card and Expansion Card Installation

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

## 7. Cable Management

Route all power and data cables through the designated cutouts and tie-down points behind the motherboard tray. This helps maintain optimal airflow and a clean aesthetic.

## 8. Connecting Front I/O Panel Cables

Connect the front panel cables (USB 3.0, HD Audio, Power SW, Reset SW, Power LED, HDD LED) to their corresponding headers on your motherboard. Refer to your motherboard manual for exact header locations.

## OPERATING INSTRUCTIONS

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### Powering On

After all components are securely installed and cables connected, plug your PC into a power outlet and press the power button located on the top I/O panel of the case.

### ARGB Fan Control

The pre-installed ARGB fans are connected to your motherboard. Lighting effects and fan speeds can be controlled via your motherboard's software utility (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion, ASRock Polychrome Sync).

# ARGB Lighting System

**2 ARGB PWM Fans**  
2 x 140mm 1200 RPM

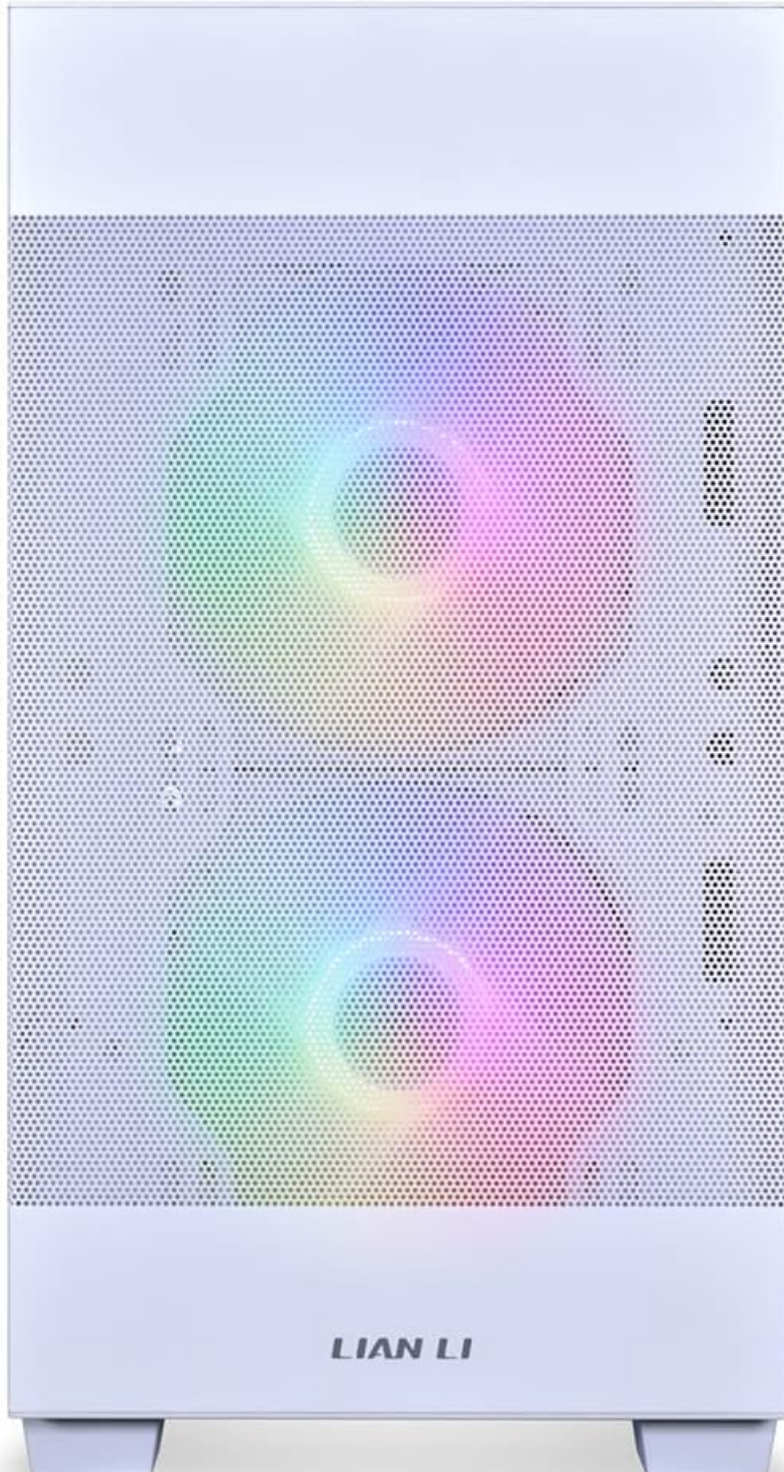


Image: Front view of the PC case, showcasing the two 140mm ARGB PWM fans with their customizable lighting effects.

### Dust Filter Cleaning

The LANCOOL 205M MESH includes magnetic dust filters on the top and bottom. Regularly remove and clean these filters to maintain optimal airflow and prevent dust buildup inside the case. Clean with compressed air or a soft brush.



Image: Angled view of the PC case, pointing out the mesh front panel, top magnetic dust filter, and bottom dust filter, illustrating improved airflow design.

### General Cleaning

Wipe the exterior of the case with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish or tempered glass.

## TROUBLESHOOTING

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- **PC Not Powering On:** Ensure all power cables (24-pin ATX, 8-pin CPU, GPU power) are securely connected to the motherboard and components. Verify the PSU switch is in the 'ON' position. Check front panel power button connections to the motherboard.
- **Fans Not Spinning/RGB Not Working:** Confirm fan power cables are connected to the motherboard or fan controller. Ensure ARGB cables are properly connected to the motherboard's ARGB header. Check motherboard software for fan

speed and RGB control settings.

- **Component Fitment Issues:** This case is designed for Micro ATX and Mini-ITX motherboards. While it accommodates many GPUs, very long or triple-fan graphics cards may have limited clearance. Similarly, large 280mm AIO liquid coolers may require specific mounting orientations (e.g., top mount) due to space constraints. Always verify component dimensions against case specifications before purchase.
- **Poor Airflow/High Temperatures:** Ensure all fans are spinning correctly and oriented for optimal airflow (front intake, rear/top exhaust). Clean dust filters regularly. Verify no cables are obstructing airflow paths.

## SPECIFICATIONS

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<b>Brand</b>	Lian Li
<b>Model Number</b>	G99.OE744MS.10AM
<b>Case Type</b>	Mid Tower (Micro ATX)
<b>Motherboard Compatibility</b>	Micro ATX (mATX), Mini-ITX
<b>Dimensions (LxWxH)</b>	15.85 x 8.27 x 15.75 inches
<b>Item Weight</b>	13.23 pounds (6000 Grams)
<b>Material</b>	Steel, Tempered Glass
<b>Pre-installed Fans</b>	2 x 140mm ARGB PWM Fans (Front)
<b>Cooling Method</b>	Air, Water (Liquid Cooling Ready)
<b>I/O Ports</b>	2x USB 3.0 Type-A, Power Button, Reset Button, Audio Out, Audio In
<b>Storage Support</b>	3 x 2.5" SSD + 1 x 3.5" HDD or 2 x 2.5" SSD + 2 x 3.5" HDD

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the official Lian Li website or contact your local retailer. Keep your proof of purchase for warranty claims.

For further assistance, you may visit the [Lian Li Store on Amazon](#).