

MUSETEX M1

MUSETEX M1 Micro ATX PC Case Instruction Manual

Model: M1

1. PRODUCT OVERVIEW

The MUSETEX M1 is a compact Micro ATX PC case designed for efficient airflow and a clean build. It features a mesh front panel for optimal ventilation, a tempered glass side panel for component visibility, and a rational interior layout for easy installation and cable management. This manual provides detailed instructions for setting up, operating, and maintaining your M1 PC case.



Image 1.1: The MUSETEX M1 case features a multiple cooling channel design for optimized airflow, with air intake from the front and bottom, and exhaust from the top and rear.

Key Features:

- **Optimized Airflow:** Strategically placed perforations on multiple sides ensure full-system ventilation for optimal heat dissipation.
- **Rational Interior:** Compatible with Micro-ATX or Mini-ITX motherboards, ensuring expandability.
- **Compact Design:** Engineered with optimized dimensions to save desk space.
- **Hardware Compatibility:** Supports CPU coolers up to 160mm, graphics cards up to 265mm, power supplies up to 160mm, 2.5" SSD, and 3.5" HDD.

- **I/O Panel:** Includes 1 x USB 3.0, 1 x USB 1.0, Microphone & Audio jacks, Power Button, and Restart Button.
- **Magnetic Dust Filter:** Easy to remove and clean, maintaining cooling performance.
- **Tempered Glass Side Panel:** Provides a clear view of internal components.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- MUSETEX M1 PC Case x 1
- 120mm Non-RGB Rear Fan x 1
- Instruction Manual x 1
- Screw Accessory Kit x 1

Note: Motherboard, graphics card, power supply, and radiator are not included. Fans are not pre-installed and must be installed into the case.

3. SAFETY INFORMATION

- Always handle the tempered glass panel with care to prevent breakage.
- Be aware of sharp edges inside the case during installation.
- Ensure the power supply is disconnected from the wall outlet before installing or removing any components.
- Keep small screws and parts away from children.

4. COMPONENT COMPATIBILITY

The M1 case supports a range of components. Please refer to the following specifications to ensure compatibility:

- **Motherboard Support:** Micro-ATX, Mini-ITX
- **CPU Cooler Height:** Up to 160mm (MAX)
- **Graphics Card Length:** Up to 265mm (MAX)
- **Power Supply Length:** Up to 160mm (MAX)
- **Storage Drive Bays:** 1 x 3.5" HDD, 1 x 2.5" SSD
- **Fan Support:**
 - Rear: 1 x 120mm (included)
 - Top: 2 x 120mm (optional)



Image 4.1: Internal layout indicating component size limitations for CPU cooler, GPU, PSU, and supported motherboard sizes.

5. SETUP AND INSTALLATION

Follow these steps to assemble your PC components within the MUSETEX M1 case.

5.1. Opening the Case

1. **Remove Side Panels:** Locate the thumb screws on the rear of the case for the tempered glass side panel and the solid metal side panel. Unscrew them and carefully slide off the panels. Place the tempered glass panel on a soft, flat surface to prevent damage.
2. **Remove Front Panel:** The mesh front panel can be gently pulled from the bottom to detach it, revealing the front fan mounting area if applicable.



Image 5.1: Exploded view of the M1 case, illustrating removable panels and components.

5.2. Motherboard Installation

Install the motherboard first before other components for easier access.

1. Install the I/O shield (if not pre-attached to your motherboard) into the rear opening of the case.
2. Align your Micro-ATX or Mini-ITX motherboard with the standoffs inside the case.
3. Secure the motherboard using the provided screws from the accessory kit.

5.3. CPU Cooler Installation

Install your CPU cooler according to its manufacturer's instructions, ensuring it does not exceed the 160mm height limit.

5.4. Graphics Card (GPU) Installation

1. Remove the necessary PCIe slot covers from the rear of the case.
2. Insert your graphics card into the appropriate PCIe slot on the motherboard.
3. Secure the graphics card with screws. Ensure the card length does not exceed 265mm.

5.5. Power Supply Unit (PSU) Installation

1. The M1 case supports bottom-mounted power supplies. Position your PSU in the designated area at the bottom rear of the case.
2. Secure the PSU with screws from the accessory kit. Ensure the PSU length does not exceed 160mm.

UPGRADE • HIGH SPEED • RICH IO PANEL



Image 5.2: The open PSU chamber facilitates easier power supply installation and cable routing.

5.6. Storage Drive Installation (HDD/SSD)

1. Locate the 3.5" HDD bay and 2.5" SSD mounting points inside the case.
2. Mount your drives using the appropriate screws from the accessory kit.

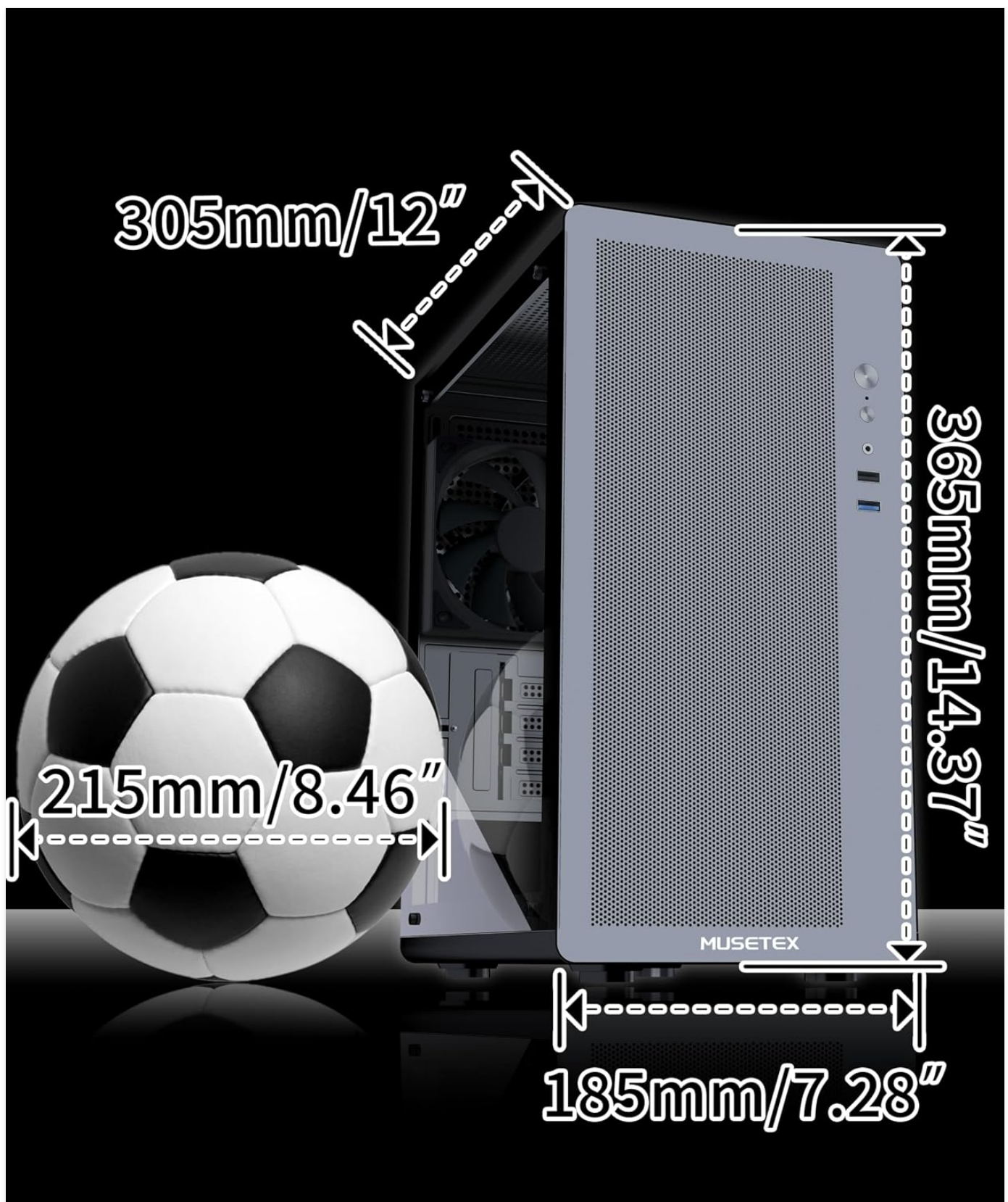


Image 5.3: Designated mounting locations for 3.5" HDDs and 2.5" SSDs.

5.7. Fan Installation

The M1 case includes one 120mm rear fan. Additional fans can be installed at the top.

1. Mount the included 120mm fan to the rear exhaust position using the provided screws.
2. For optional top fans, mount up to two 120mm fans to the top panel.
3. Connect the fan cables to the appropriate fan headers on your motherboard (e.g., SYS_FAN).



Image 5.4: Fan mounting locations and sizes supported.

5.8. Cable Management

Utilize the space behind the motherboard tray and the open PSU chamber to route and secure cables. This helps improve airflow and maintain a clean interior appearance.

6. OPERATING INSTRUCTIONS

Once all components are installed and cables are connected, you can power on your system.

6.1. Front I/O Panel Functions

The front I/O panel provides convenient access to essential functions:

- **Power Button:** Press to turn the computer on or off.
- **Reset Button:** Press to restart the computer.
- **HD Audio Jacks:** Connect headphones and microphones.
- **USB 1.0 Port:** For connecting USB 1.0 compatible devices.
- **USB 3.0 Port:** For connecting high-speed USB 3.0 compatible devices.



Image 6.1: Detailed view of the front I/O panel connections.

7. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC components.

7.1. Cleaning Dust Filters

The M1 case features a magnetic dust filter on the top panel to prevent dust accumulation. Regular cleaning is recommended.

1. Gently lift the magnetic dust filter from the top of the case.
2. Clean the filter using compressed air, a soft brush, or by rinsing it with water (ensure it is completely dry before reattaching).
3. Place the clean filter back onto the top panel.



Image 7.1: Removing the magnetic dust filter for cleaning.

8. TROUBLESHOOTING

If you encounter issues during or after installation, consider the following common troubleshooting steps:

- **System Not Powering On:**
 - Ensure the power supply is switched on and properly connected to the wall outlet.
 - Verify all power cables (24-pin ATX, 8-pin CPU, PCIe power) are securely connected to the motherboard and components.
 - Check that the front panel power button cable is correctly connected to the motherboard's front panel header.
- **No Display Output:**
 - Ensure your monitor is connected to the graphics card (not the motherboard's integrated graphics ports, unless you are using integrated graphics).
 - Reseat the graphics card and RAM modules.
- **Poor Airflow/Overheating:**
 - Ensure all installed fans are spinning correctly.
 - Clean any dust filters or accumulated dust inside the case.
 - Verify proper fan orientation (intake vs. exhaust).

9. SPECIFICATIONS

Detailed technical specifications for the MUSETEX M1 Micro ATX PC Case:

Feature	Specification
Model Name	M1
Brand	MUSETEX
Case Type	Tower
Motherboard Compatibility	Micro ATX, Mini ITX
Material	Metal, Plastic, Tempered Glass
Color	Black
Item Dimensions (LxWxH)	12 x 7.28 x 14.37 inches (305 x 185 x 365 mm)
Item Weight	6.17 pounds (2.8 kg)
CPU Cooler Height Limit	160mm
Graphics Card Length Limit	265mm
Power Supply Length Limit	160mm
Power Supply Mounting Type	Bottom Mount
Cooling Method	Air
Fan Support (Rear)	1 x 120mm (included)
Fan Support (Top)	2 x 120mm (optional)
Front I/O Ports	1 x USB 3.0, 1 x USB 1.0, Microphone & Audio, Power Button, Restart Button
Storage Bays	1 x 3.5" HDD, 1 x 2.5" SSD

Open PSU Chamber Easy Cable Management



Image 9.1: External dimensions of the M1 PC case.

10. WARRANTY AND SUPPORT

MUSETEX is committed to providing quality products and customer satisfaction. If you encounter any problems with your M1 PC case, please do not hesitate to contact us. We will provide support to resolve any issues you may experience. For support inquiries, please refer to the contact information provided on the MUSETEX official website or through your purchase platform.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question