

## MUSETEX Y6

# MUSETEX Y6 ATX Mid Tower PC Case Instruction Manual

Model: Y6

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your MUSETEX Y6 ATX Mid Tower PC Case. Please read this manual thoroughly before beginning assembly or operation to ensure proper functionality and safety.

The MUSETEX Y6 PC Case is designed for high-performance computing, featuring a 270° full-view tempered glass design and pre-installed Infinity Mirror ARGB fans for optimal cooling and aesthetics.

## 2. KEY FEATURES

- **Infinity Mirror ARGB Fans:** Equipped with 7 pre-installed 120mm PWM ARGB fans for advanced lighting effects and efficient cooling.
- **270° Full View Tempered Glass:** Dual tempered glass panels provide an expansive view of internal components.
- **Optimized Space Layout:** Supports ATX, Micro-ATX, and Mini-ITX motherboards, GPUs up to 410mm, CPU coolers up to 160mm, and PSUs up to 230mm.
- **Advanced I/O Ports:** Includes 1 x Type-C, 1 x USB 3.0, 1 x USB 2.0, Microphone & Audio jacks, Power Button, and Reset Button.
- **Efficient Cooling Design:** Anti-vortex fan blades and strategic fan placement ensure superior airflow.
- **Easy Cable Management:** Designed with wide channels for routing and concealing cables.

## Upgrade High-Speed External Ports

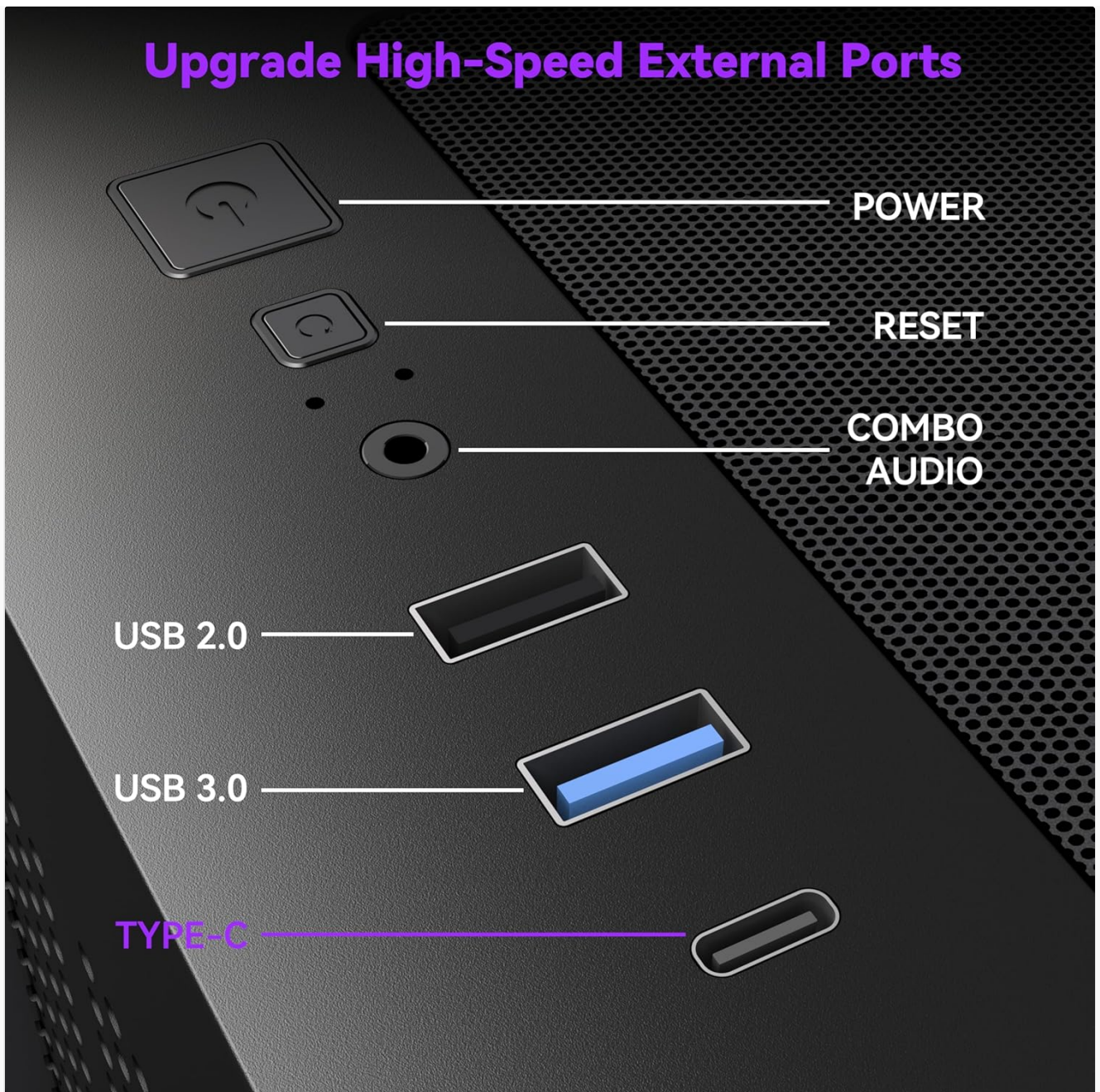


Image: The MUSETEX Y6 PC Case showcasing its 270-degree tempered glass panels and internal layout with pre-installed fans.

### 3. SETUP AND INSTALLATION

#### 3.1 Unpacking Contents

Verify all components are present:

- Y6 Case (x1)
- PWM ARGB Fans (x7) - 3 reverse fans on the side, 3 reverse fans on the bottom, 1 forward fan on the back
- Instruction Manual (x1)
- Screw Accessory Kit (x1)

*Note: Motherboard, graphics card, power supply, and radiator are not included.*

#### 3.2 Motherboard Compatibility and Installation

The Y6 case supports ATX, Micro-ATX, and Mini-ITX motherboards.



Image: Diagram illustrating motherboard compatibility for ITX, Micro-ATX, and ATX form factors within the MUSETEX Y6 case.

1. Remove the side tempered glass panel by unscrewing the thumb screws.
2. Install the I/O shield (if applicable) into the motherboard tray opening.
3. Carefully place your motherboard into the case, aligning it with the standoffs.
4. Secure the motherboard with the provided screws from the accessory kit.

### 3.3 Component Installation Guidelines

- **GPU:** Supports graphics cards up to 410mm (16.14 inches) in length.
- **CPU Cooler:** Supports CPU cooling height up to 160mm (6.3 inches).
- **PSU:** Supports power supplies up to 230mm (9.05 inches) in length, with a bottom mount design for independent cooling.
- **Storage:** Supports 1x HDD and 2x SSDs.

HDD  
x1

SSD  
x2

**SUPPORT**



Image: Illustration of the maximum GPU length supported within the case.

# Left-Right Split Design PSU Independent Cooling

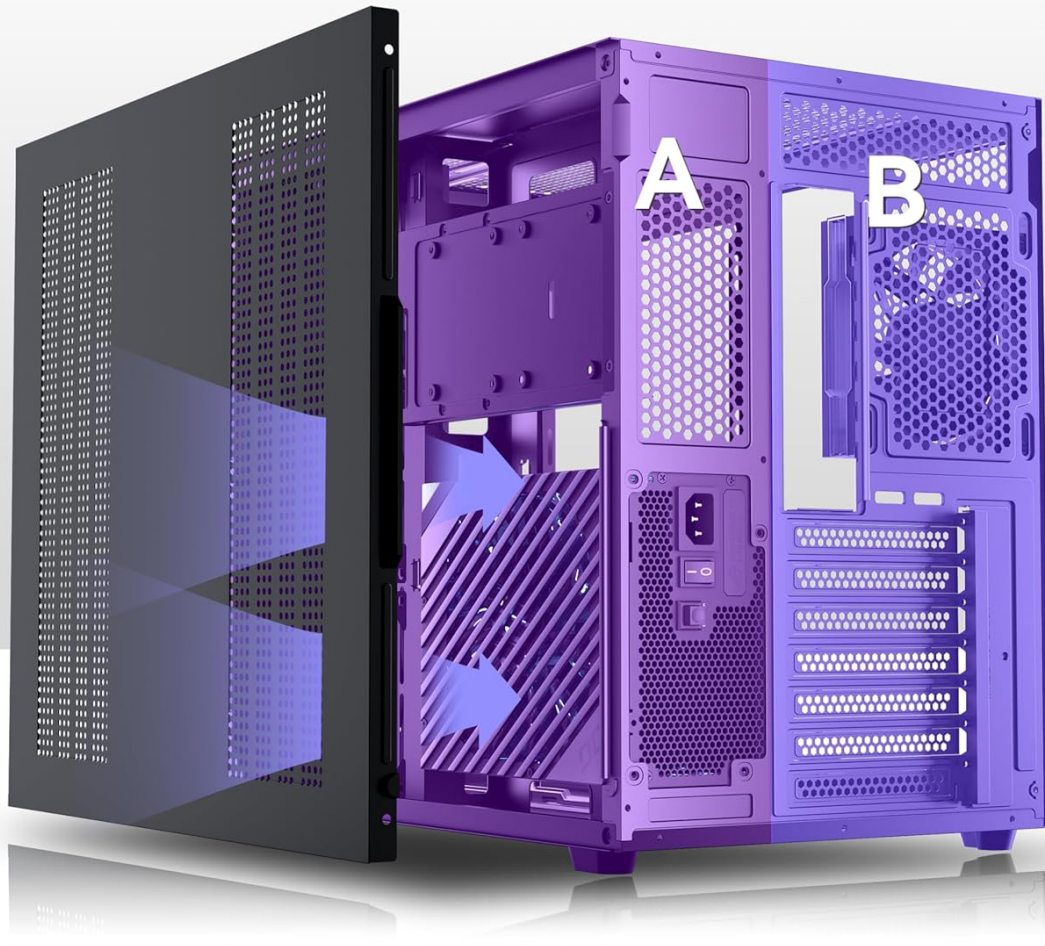


Image: Illustration of the maximum PSU length supported within the case.



Image: Diagram indicating the installation points for one HDD and two SSDs.

### 3.4 Fan and Radiator Support

The case comes with 7 pre-installed 120mm Infinity Mirror ARGB fans. Additional fan and radiator configurations are supported:

- **Top:** 3x 120mm fans or 2x 140mm fans; Radiator up to 360mm/280mm/240mm (Max thickness 60mm/2.36")
- **Side:** 3x 120mm fans; Radiator up to 240mm (Max thickness 65mm/2.56")
- **Bottom:** 3x 120mm fans; Radiator up to 360mm/240mm
- **Rear:** 1x 120mm fan



**Infinity Mirror**  
**ARGB Fans**

Image: Detailed diagram outlining fan and radiator mounting options and sizes for various locations within the case.

# Panoramic Immersion

Featuring a fully upgraded infinity mirror design, it drastically reduces the black borders on the edges compared to traditional models, significantly expanding the visible mirror surface area and making it look even more stylish.

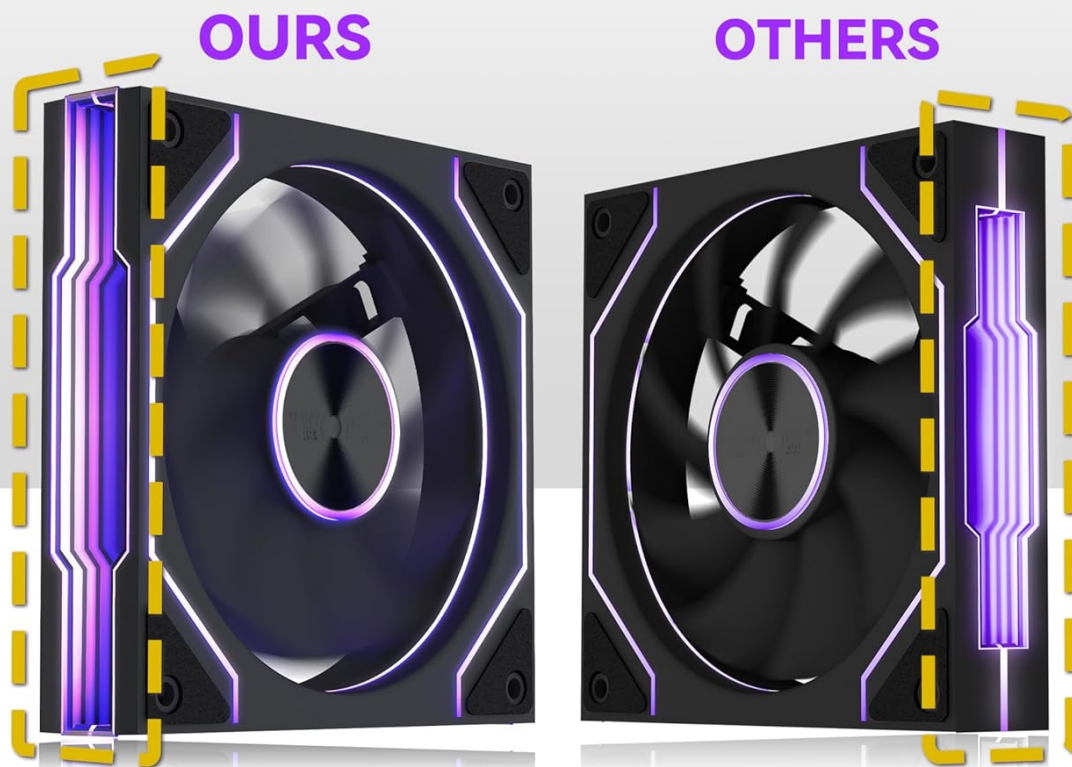


Image: Diagram specifying maximum radiator thickness for top (60mm) and side (65mm) installations.

## 3.5 Cable Management

Utilize the designated cable routing channels behind the motherboard tray to organize and conceal cables. This improves airflow and maintains a clean aesthetic.

# Easy Cable Management

Effortlessly route and conceal cables using the wide channels.



Image: Diagram showing recommended cable routing paths for efficient cable management.

## 4. OPERATION

### 4.1 Front I/O Panel

The front I/O panel provides convenient access to essential ports and controls:

- **Power Button:** Turns the system on or off.
- **Reset Button:** Restarts the system.
- **USB 2.0 Port (x1):** For connecting USB 2.0 devices.
- **USB 3.0 Port (x1):** For connecting USB 3.0 devices, offering faster data transfer.
- **Type-C Port (x1):** For connecting USB Type-C devices.
- **Microphone & Audio Jacks:** For connecting headphones and microphones.

## Detailed and Optimal Airflow Channel Design



Image: Detailed view of the front I/O ports and buttons.

### 4.2 ARGB Fan Control

The pre-installed Infinity Mirror ARGB fans can be controlled via motherboard software. Ensure your motherboard has sufficient 5V ARGB (3-pin) interfaces for stable lighting effects. Connecting multiple fans to a single port with insufficient interfaces may cause abnormal lighting.

## Important Installation Reminder

To ensure stable and vibrant lighting effects for the ARGB fans in your chassis, we recommend using a motherboard equipped with two or more 5V ARGB (3-pin) interfaces.

If the motherboard has insufficient ARGB interfaces, connecting multiple fans to a single port may cause abnormal lighting effects, with a probability of approximately 3%.

Users with adequate interfaces need not worry about this issue.

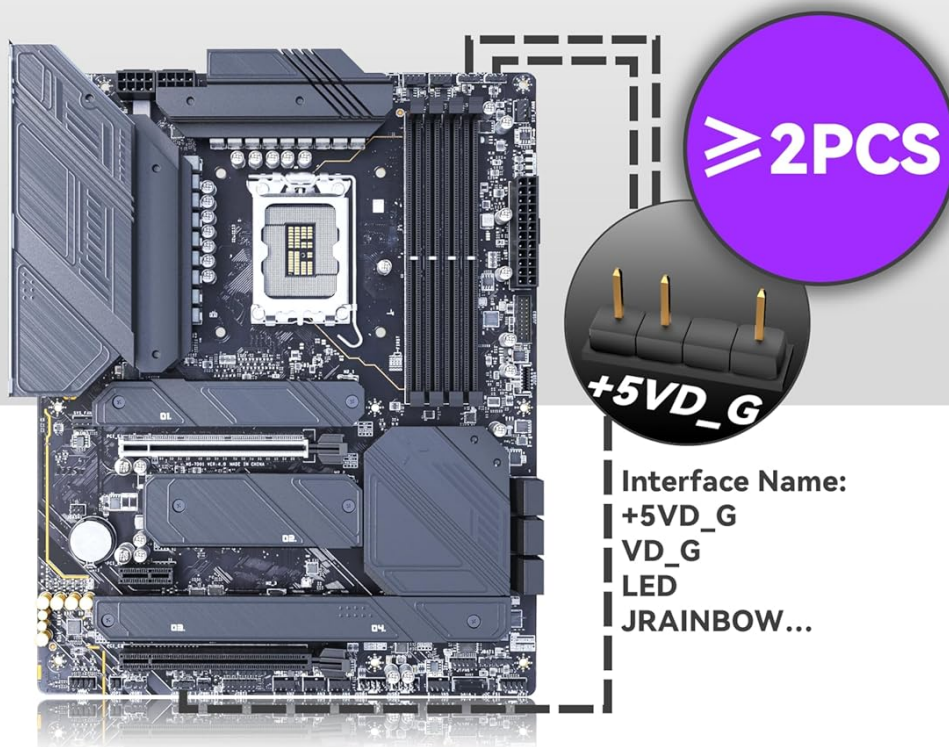


Image: Important installation reminder for ARGB fan connections, showing a motherboard with 5V ARGB (3-pin) interfaces. Fan speed can also be adjusted via motherboard software to regulate cooling performance.

## 5. MAINTENANCE

- **Dust Filters:** The case includes dust filters. Regularly clean these filters to maintain optimal airflow and prevent dust buildup inside the system.
- **Tempered Glass Panels:** Clean the tempered glass panels with a soft, lint-free cloth and a non-abrasive glass cleaner. Avoid harsh chemicals.
- **Internal Cleaning:** Periodically use compressed air to remove dust from internal components and fans. Ensure the system is powered off and unplugged before cleaning.

## 6. TROUBLESHOOTING

**Issue:** ARGB fans not lighting up or displaying incorrect colors.

**Solution:** Ensure all ARGB fan cables are correctly connected to the motherboard's 5V ARGB (3-pin) headers. If your motherboard has limited headers, consider using an ARGB hub or controller. Verify that the motherboard's

ARGB software is installed and configured correctly.

**Issue: Poor airflow or overheating components.**

**Solution:** Check that all fans are spinning correctly and are not obstructed. Clean dust filters and internal components. Ensure proper cable management to avoid blocking airflow paths. Verify fan direction for optimal intake and exhaust.

**Issue: Front I/O ports (USB, Audio) not functioning.**

**Solution:** Confirm that the front I/O cables (USB 2.0, USB 3.0, Type-C, Audio) are securely connected to the corresponding headers on your motherboard.

## 7. SPECIFICATIONS

Feature	Detail
Brand	MUSETEX
Model Name	Y6
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Color	Black
Material	Metal, Plastic, Tempered Glass
Pre-installed Fans	7 x 120mm Infinity Mirror PWM ARGB Fans
Front I/O Ports	1 x Type-C, 1 x USB 3.0, 1 x USB 2.0, Microphone & Audio, Power, Reset
Max GPU Length	410mm (16.14")
Max CPU Cooler Height	160mm (6.3")
Max PSU Length	230mm (9.05")
Storage Bays	1 x 3.5" HDD, 2 x 2.5" SSD
Item Dimensions (D x W x H)	16.73"D x 10.83"W x 15.67"H
Item Weight	14.55 Pounds

## 8. WARRANTY INFORMATION

The MUSETEX Y6 PC Case comes with a **10-Year Warranty** from the manufacturer. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official MUSETEX website or contact customer support.

## 9. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your MUSETEX Y6 PC Case, please contact MUSETEX customer support.

You can reach support by clicking on "Sold by MUSETEX" on the product page where you purchased the item, or by

visiting the official MUSETEX website for contact information.

MUSETEX is committed to providing excellent support for its customers.

