

## MUSETEX GR3

# MUSETEX GR3 Mid-Tower Gaming PC Case Instruction Manual

Model: GR3

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MUSETEX GR3 Mid-Tower Gaming PC Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and optimal performance of your system.



Image 1.1: The MUSETEX GR3 Mid-Tower Gaming PC Case, showcasing its tempered glass panels and pre-installed ARGB fans.

## 2. PRODUCT FEATURES

### 2.1 Vertical GPU Mount Design

The GR3 case features a vertical direct-insert GPU installation design. This allows for the graphics card to be mounted vertically without the need for a riser cable, directly connecting to the motherboard's native PCIe slot. This design enhances the visual presentation of the GPU and contributes to improved airflow for cooling, while

also providing stable support to prevent GPU sag and protect the motherboard's PCIe slot.



Image 2.1: Illustration comparing traditional horizontal GPU mounting with the vertical GPU mounting design of the MUSETEX GR3 case.

## 2.2 Removable ATX Extension Bracket

This PC case includes a pre-installed, removable ATX expansion bracket. If an ATX motherboard is not being used, this bracket can be removed to increase internal chassis space, allowing for a cleaner build and improved cable management. This is particularly beneficial when using Micro-ATX or Mini-ITX motherboards for a more spacious interior.

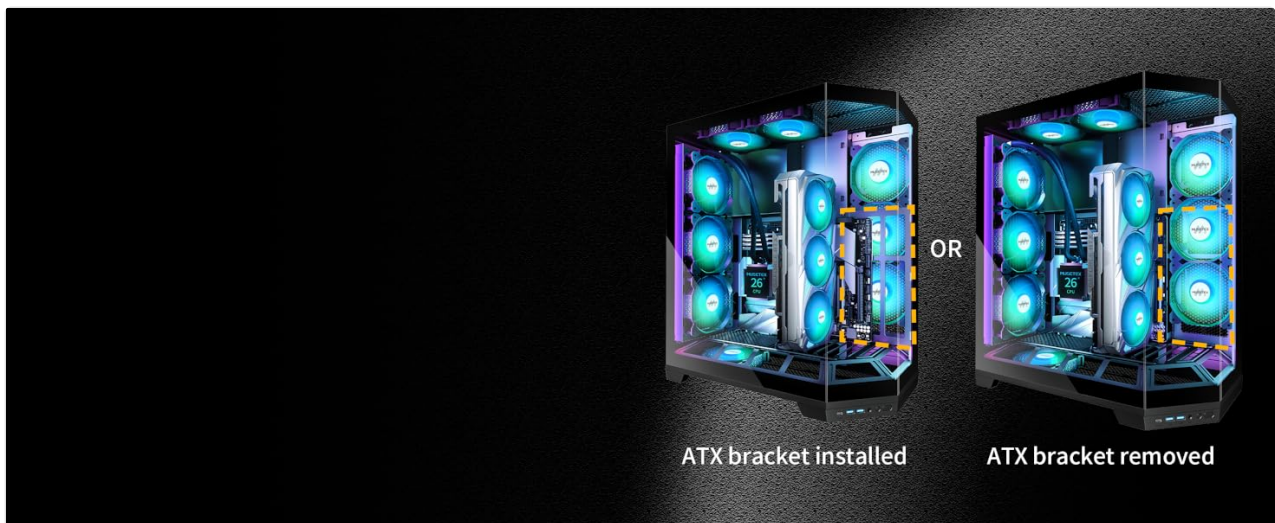


Image 2.2: Visual representation of the ATX bracket in both installed and removed configurations within the case.

## 2.3 270° Full View Tempered Glass Design

The MUSETEX GR3 case features a panoramic three-sided tempered glass panel, offering a 270-degree unobstructed view of the internal components. This design allows for a comprehensive display of your hardware and ARGB lighting effects.



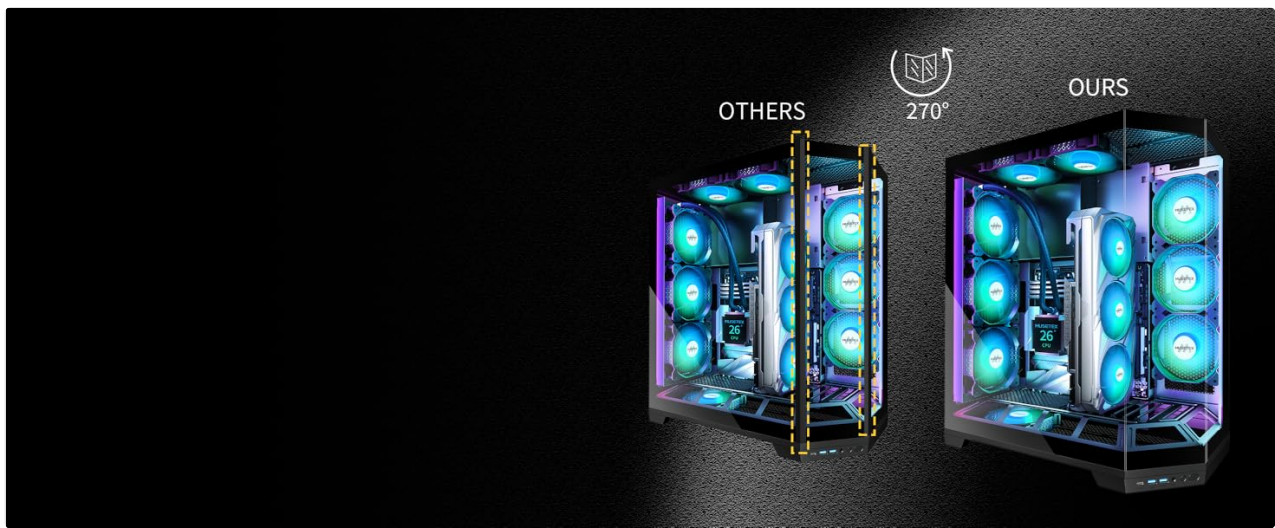


Image 2.3: Illustration highlighting the expansive 270-degree full view provided by the tempered glass panels of the GR3 case.

## 2.4 Cooling System

The case comes with 5 pre-installed adjustable speed ARGB fans. These fans utilize anti-vortex blades to ensure efficient airflow. The fan speeds can be regulated via motherboard software for optimal cooling performance. The case supports various cooling configurations:

- **Top:** 2 x 120mm fans or 240mm liquid radiator
- **Rear:** 3 x 120mm fans or 240mm/360mm liquid radiator
- **Side:** 3 x 120mm fans
- **Bottom:** 2 x 120mm fans

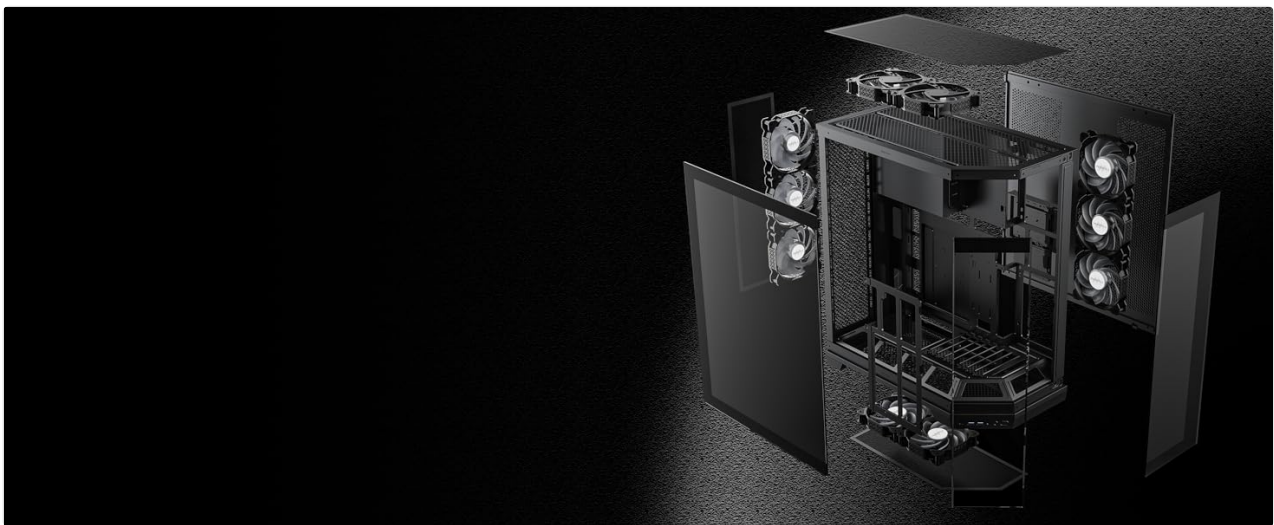


Image 2.4: Detailed diagram illustrating the fan and radiator mounting options and sizes for the MUSETEX GR3 case.

## 2.5 Input/Output Ports

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

- 1 x Type-C port
- 2 x USB 3.0 ports
- Microphone & Audio jacks
- Power Button
- Restart Button

## UPGRADE • HIGH SPEED • RICH IO PANEL

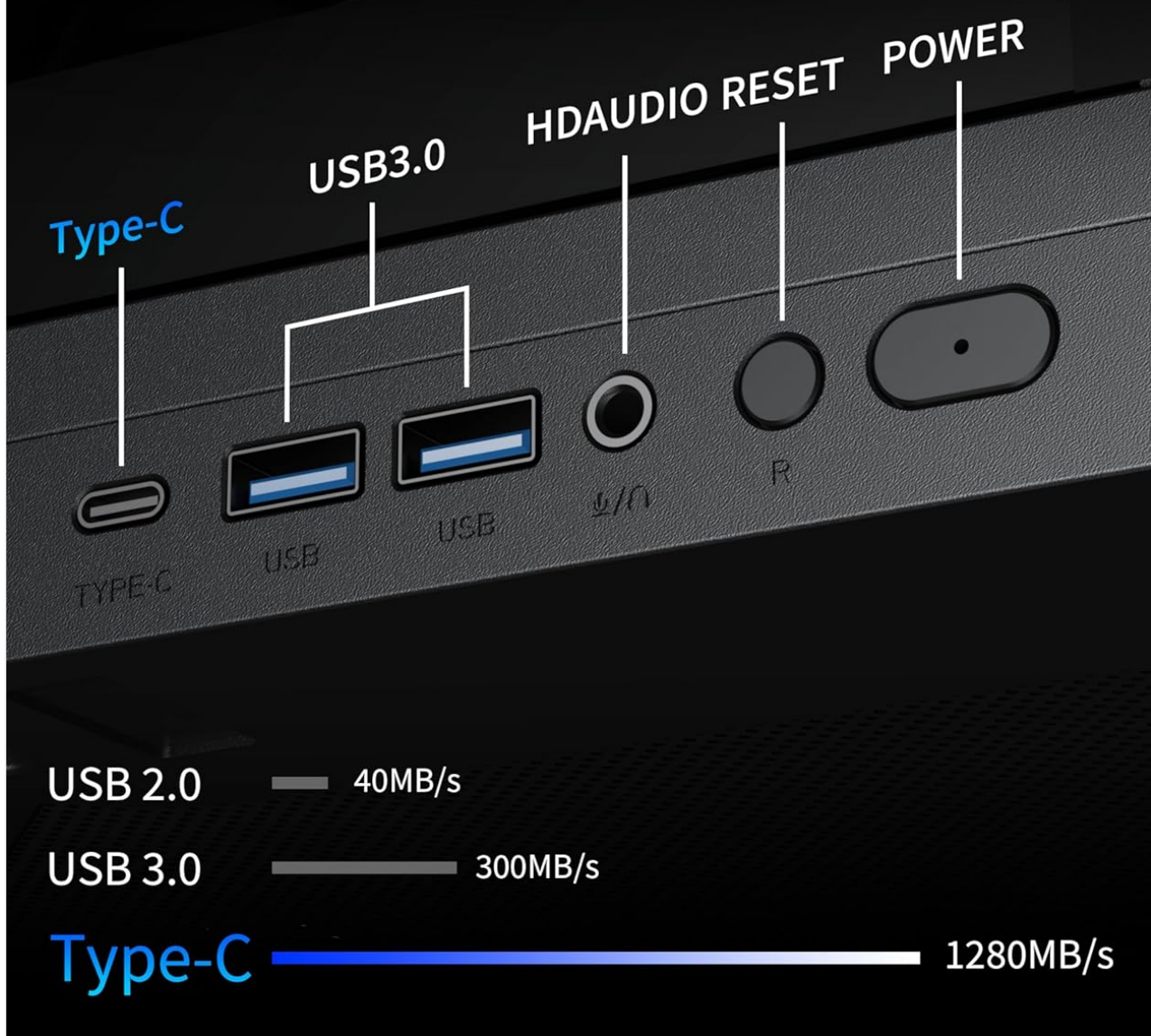


Image 2.5: The front I/O panel of the MUSETEX GR3 case, detailing the available ports and buttons.

### 2.6 Space Layout and Compatibility

The internal structure is designed for efficient space utilization and broad hardware compatibility. The case supports:

- **GPU:** Up to 410mm (16.14 inches)
- **CPU Cooler Height:** Up to 178mm
- **PSU:** Up to 160mm (6.3 inches)
- **Motherboards:** ATX, Micro-ATX, Mini-ITX

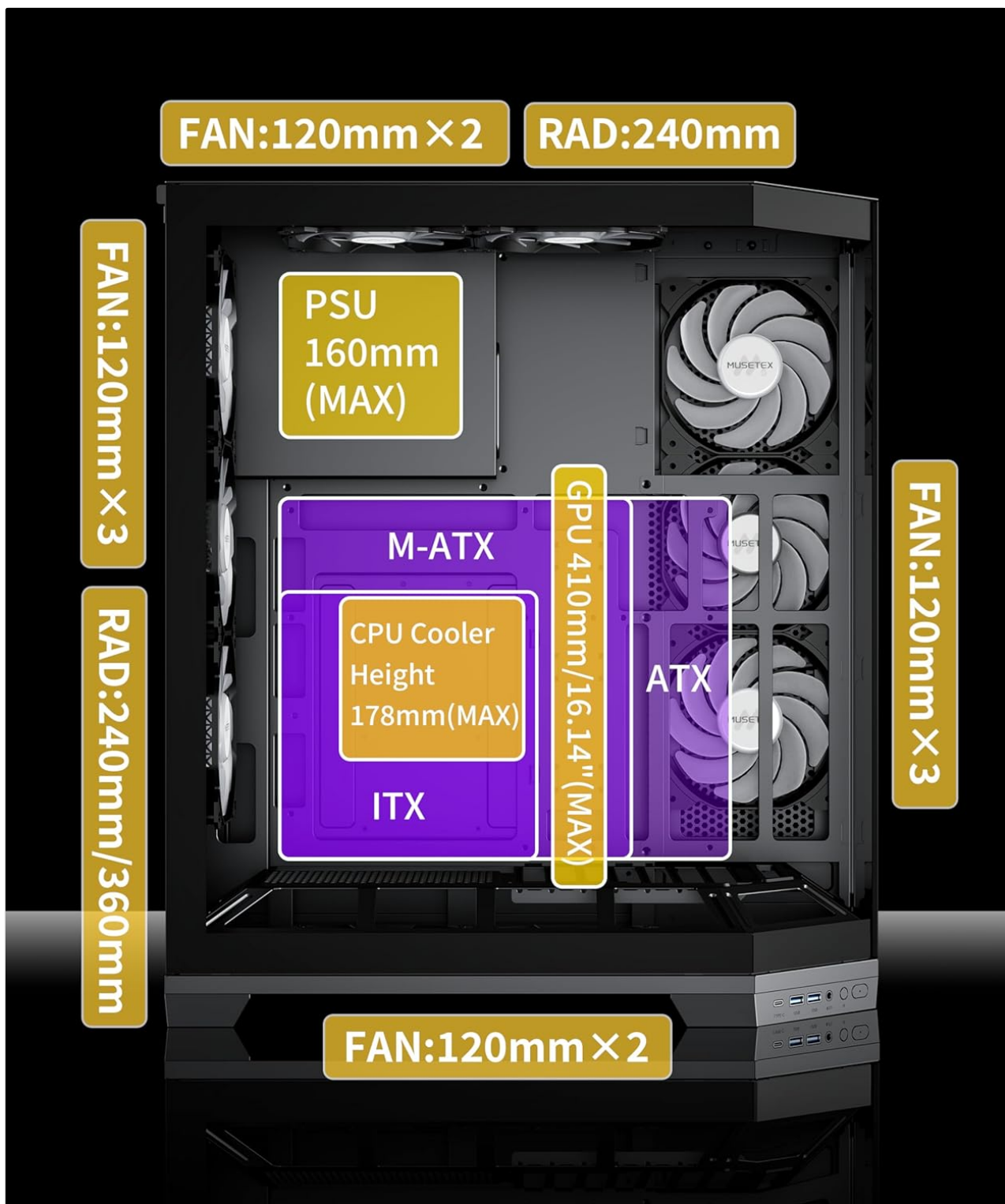


Image 2.6: Internal layout with maximum dimensions for various components, including GPU, CPU cooler, and PSU.

### 3. SETUP AND INSTALLATION

Before beginning installation, ensure you have all necessary components and tools. Refer to your motherboard and component manuals for specific installation steps.

#### 3.1 Preparing the Case

1. Carefully remove the tempered glass panels. These are typically secured with thumbscrews or a hinge mechanism.
2. Identify the motherboard standoffs. Install additional standoffs if required by your motherboard form factor (ATX, Micro-ATX, Mini-ITX).



3. Consider removing the ATX expansion bracket if you are using a Micro-ATX or Mini-ITX motherboard to optimize internal space.

## 3.2 Component Installation

1. **Motherboard:** Align your motherboard with the standoffs and secure it with screws.
2. **CPU and CPU Cooler:** Install your CPU and CPU cooler according to their respective manuals. Ensure the CPU cooler height does not exceed 178mm.
3. **Memory (RAM):** Install RAM modules into the motherboard slots.
4. **Graphics Card (GPU):** For vertical mounting, carefully insert the GPU directly into the motherboard's PCIe slot. Ensure it is securely seated. The case supports GPUs up to 410mm in length.
5. **Power Supply Unit (PSU):** Install the PSU in its designated compartment. The case supports PSUs up to 160mm.
6. **Storage Drives:** Install SSDs/HDDs into the available drive bays.

## 3.3 Cable Management

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

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On

After all components are installed and connected, press the Power Button on the front I/O panel to turn on your system.

### 4.2 ARGB Lighting Control

The pre-installed ARGB fans can be controlled via compatible motherboard software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion, ASRock Polychrome Sync). Connect the ARGB cables from the fans to the 5V-D-G/LED header on your motherboard. Use the motherboard's software to customize lighting modes and colors.



Image 4.1: Illustration of connecting ARGB fans to a motherboard's 5V-D-G header for software-based lighting control.

### 4.3 Fan Speed Control

The PWM (Pulse Width Modulation) fans can have their speeds adjusted through your motherboard's BIOS settings or dedicated fan control software provided by your motherboard manufacturer. This allows for balancing

cooling performance and noise levels.

## 5. MAINTENANCE

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

### 5.1 Dust Filters

The MUSETEX GR3 case includes dust filters to prevent dust accumulation inside the system. Periodically remove and clean these filters. Gently brush off accumulated dust or rinse with water and allow to dry completely before reinstallation.

### 5.2 Cleaning the Case

- Use a soft, dry cloth to wipe down exterior surfaces, including tempered glass panels.
- For stubborn smudges on tempered glass, a mild glass cleaner can be applied to the cloth (not directly to the glass).
- Use compressed air to clear dust from internal components and fan blades. Ensure the system is powered off before cleaning internal areas.

## 6. TROUBLESHOOTING

If you encounter issues with your PC build, consider the following general troubleshooting steps:

- **No Power:** Double-check all power connections from the PSU to the motherboard, CPU, and GPU. Ensure the PSU switch is in the 'ON' position.
- **No Display:** Verify that the monitor cable is securely connected to the graphics card (or motherboard if using integrated graphics). Ensure the GPU is properly seated in its PCIe slot.
- **Fan Issues:** Check fan connections to the motherboard. Ensure ARGB cables are connected to the correct 5V-D-G header for lighting control.
- **Component Compatibility:** Review the specifications to ensure all components (GPU length, CPU cooler height, PSU length) are within the case's supported dimensions.

For more specific issues, consult the manuals for your individual components (motherboard, GPU, PSU, etc.) or contact MUSETEX support.

## 7. SPECIFICATIONS

Feature	Specification
Brand	MUSETEX
Model	GR3
Case Type	Mid Tower
Dimensions (LxWxH)	9.37 x 17.48 x 19.48 inches
Item Weight	18.91 pounds
Material	Metal, Plastic, Tempered Glass



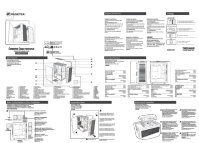
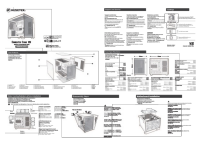
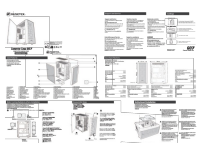
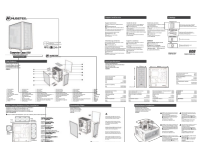
Feature	Specification
Color	Black
Motherboard Support	ATX, Micro ATX, Mini ITX
GPU Length Support	Up to 410mm (16.14")
CPU Cooler Height Support	Up to 178mm
PSU Length Support	Up to 160mm (6.3")
Pre-installed Fans	5 x PWM ARGB Fans
Cooling Method	Air, Water
I/O Ports	1 x Type-C, 2 x USB 3.0, Microphone & Audio, Power, Reset
Special Features	Built-In Fan, Dust Filter, RGB Lighting, Type C, Vertical GPU Mount

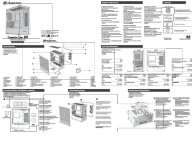
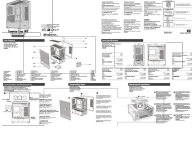
## 8. WARRANTY AND SUPPORT

MUSETEX is committed to providing support for its products. If you encounter any problems with your MUSETEX GR3 Mid-Tower ATX case, please contact MUSETEX customer service. You can typically find contact information by visiting the 'Sold by MUSETEX' section on the product's purchase page or through the official MUSETEX website.

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### Related Documents - GR3

	<a href="#">MUSETEX TW8/NN8 Computer Case User Manual</a> This manual provides instructions for installing and using the MUSETEX TW8/NN8 computer case, including fan and component installation, and I/O panel connections.
	<a href="#">MUSETEX Y6 Computer Case: Installation and Features Guide</a> Comprehensive guide to installing and using the MUSETEX Y6 computer case, covering fan connections, I/O panel setup, storage installation, and component mounting. Features detailed instructions and specifications.
	<a href="#">MUSETEX G07 Computer Gaming Case Installation Guide</a> This guide provides detailed instructions for installing components in the MUSETEX G07 Computer Gaming Case, including fan and radiator compatibility, motherboard installation, and storage device setup. It covers case features, specifications, and support information.
	<a href="#">MUSETEX G08 Computer Gaming Case Installation Guide</a> This guide provides detailed instructions for installing components in the MUSETEX G08 Computer Gaming Case, including fan and radiator setup, motherboard, power supply, SSD/HDD, and PCI card installation. It covers case features, specifications, and support information.

	<p><a href="#">MUSETEX K2 Computer Gaming Case Installation Guide</a></p> <p>Comprehensive installation guide for the MUSETEX K2 Computer Gaming Case, detailing features, specifications, disassembly, and component installation for ATX, Micro-ATX, and Mini-ITX motherboards.</p>
	<p><a href="#">MUSETEX K2 Computer Gaming Case Installation Guide</a></p> <p>This guide provides instructions for installing and setting up the MUSETEX K2 Computer Gaming Case, including fan and radiator compatibility, disassembly steps, and component installation.</p>