Vetroo M06

Vetroo M06 Micro-ATX/Mini-ITX Gaming PC Case Instruction Manual

Model: M06

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Vetroo M06 Micro-ATX/Mini-ITX Gaming PC Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and optimal performance.

Image: The Vetroo M06 Micro-ATX/Mini-ITX Gaming PC Case in black, showcasing its mesh front panel and side window, viewed from an angle.

KEY FEATURES

- **Compact Design:** Micro-ATX / Mini-ITX form factor with a high-airflow mesh front panel, designed for space-efficient builds.
- **Optimized Cooling:** Supports up to five 120mm fans and a 240mm top-mounted liquid radiator for efficient

thermal management.

- **GPU Compatibility:** Accommodates graphics cards up to 355mm in length.
- **Flexible PSU Mounting:** Features an adjustable power supply installation area with a maximum length of 160mm.
- **Modern Connectivity:** Front panel includes USB Type-C and USB 3.0 ports for convenient peripheral access.

PACKAGE CONTENTS

Please verify that all components are present before proceeding with installation:

- Vetroo M06 PC Case
- Accessory Box (screws, standoffs, cable ties)
- SFX PSU Bracket (1x)
- User Manual (this document)

SPECIFICATIONS

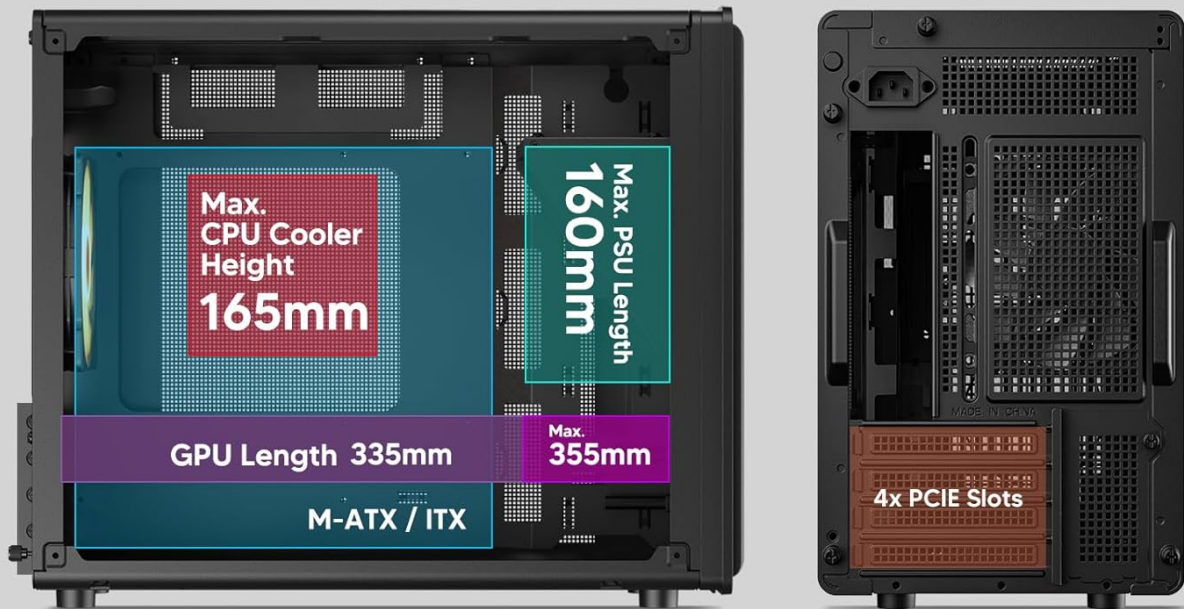| Feature	Detail
Model Name	M06
Case Type	Mini-Tower
Motherboard Compatibility	Micro ATX, Mini ITX
Product Dimensions (L x W x H)	15.55" x 7.87" x 13.07" (395mm x 200mm x 332mm)
Item Weight	13.37 pounds (6.06 kg)
Material	Acrylonitrile Butadiene Styrene (ABS), SPCC (0.8mm metal plate)
Max GPU Length	355mm
Max CPU Cooler Height	165mm
Max PSU Length	160mm (Adjustable mounting)
Fan Support	Up to 5 x 120mm fans
Radiator Support	1 x 240mm (Top)
Front I/O Ports	1 x USB Type-C, 1 x USB 3.0, HD Audio, Power Button, Reset Button

COMPACT DESIGN

The chassis has a capacity of approximately 25L and a compact design that is suitable for a variety of desktop environments
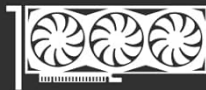

Image: Diagram illustrating the compact dimensions of the Vetroo M06 PC case, measuring 15.5 inches in depth, 7.8 inches in width, and 13.0 inches in height.

COMPATIBILITY

Supports **M-ATX** motherboard, max. GPU length 355mm

Max. CPU Cooler Height **165mm**

Max. PSU Length **160mm**

GPU Length 335mm

Max. **355mm**

M-ATX / ITX

4x PCIE Slots

M-ATX / ITX

MAX. **355mm**

MAX. **160mm** ATX/ SFX

Image: A detailed diagram outlining the compatibility specifications for the Vetroo M06 PC case, including maximum CPU cooler height (165mm), GPU length (355mm), PSU length (160mm), and supported motherboard form factors (M-ATX/ITX).

SETUP AND INSTALLATION

Before starting, ensure you have a clean, static-free workspace. Refer to your component manuals for specific installation details.

1. Motherboard Installation

1. Remove the side panel(s) of the case.
2. Install the necessary motherboard standoffs into the case tray according to your motherboard's form factor (Micro-ATX or Mini-ITX).
3. Carefully place your motherboard onto the standoffs, aligning the screw holes.
4. Secure the motherboard with screws.

2. GPU Installation

1. Remove the appropriate PCIe slot covers from the rear of the case.

2. Insert your graphics card into the primary PCIe slot on your motherboard.

3. Secure the graphics card to the case with screws.

4. Connect any required PCIe power cables from your power supply to the GPU.

3. PSU Installation

1. Determine the desired mounting position for your power supply. The Vetroo M06 supports adjustable PSU mounting.

2. If using an SFX power supply, attach the included SFX bracket to the PSU.

3. Slide the power supply into its designated bay and secure it with screws from the rear of the case.

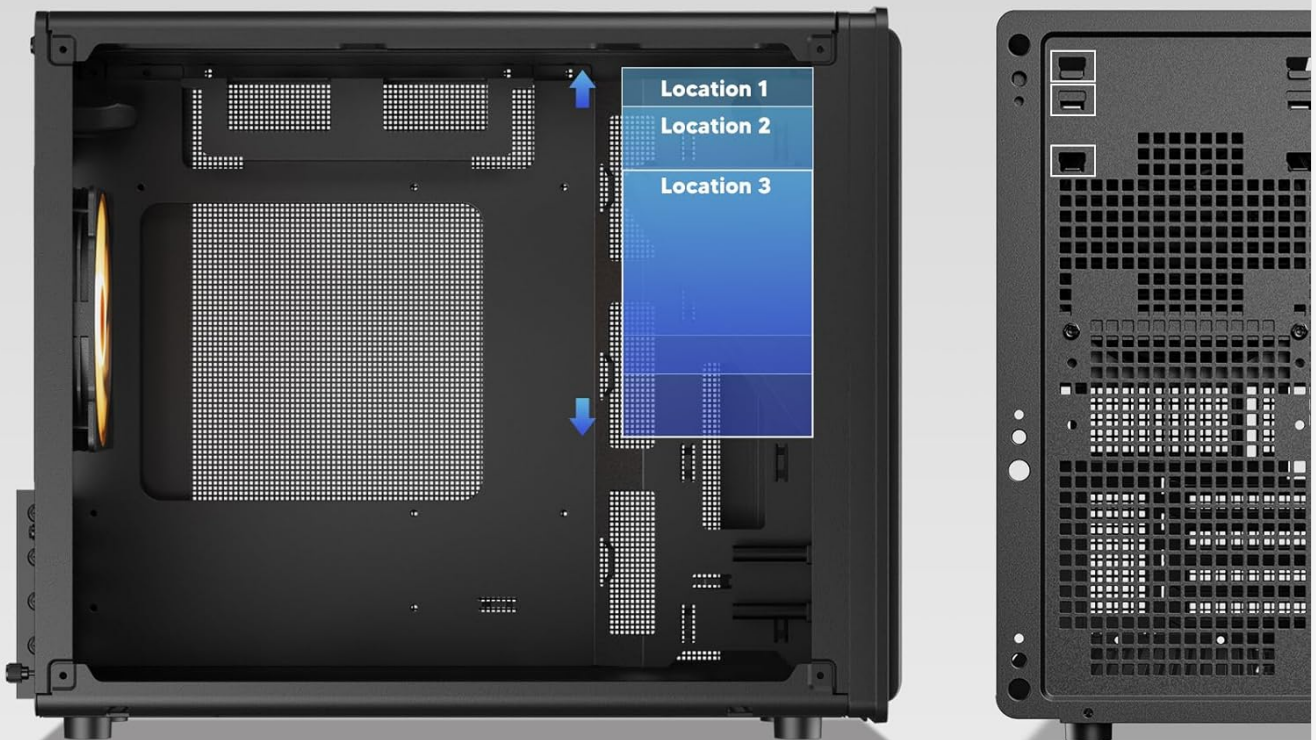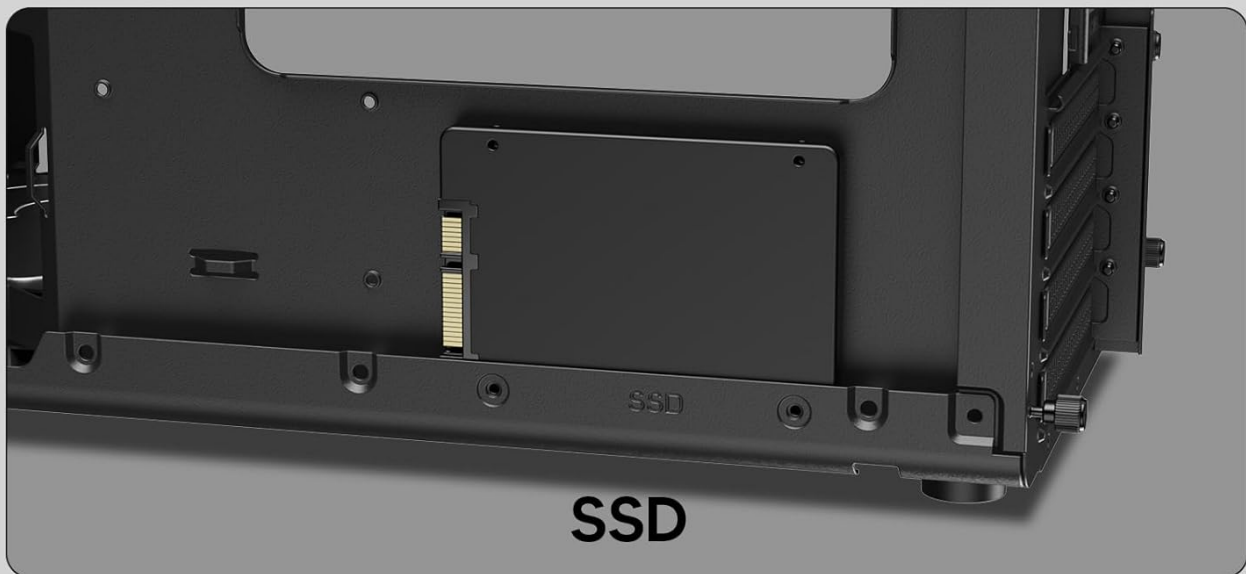4. Route the necessary power cables to your components.

Image: An internal view of the Vetroo M06 PC case highlighting the three adjustable mounting positions for ATX/SFX power supplies, along with an illustration of the included SFX bracket.

4. Storage Installation (HDD/SSD)

1. Locate the designated mounting points for 3.5" HDDs and 2.5" SSDs.
2. Secure your storage drives using the provided screws.
3. Connect SATA data and power cables to each drive.
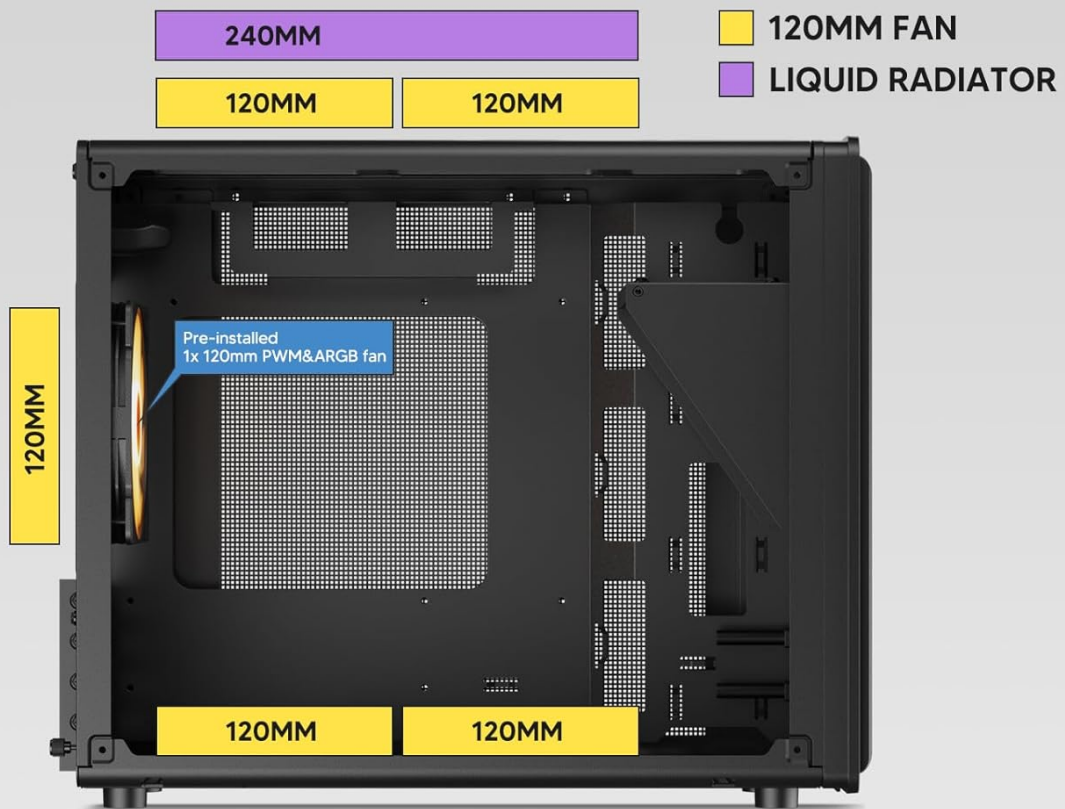

HDD / SSD

SSD

Image: Close-up views of the Vetroo M06 PC case interior, demonstrating the mounting options for both 3.5-inch Hard Disk Drives (HDDs) and 2.5-inch Solid State Drives (SSDs).

5. Cooling System Installation (Fans/Radiator)

1. Identify the fan mounting locations (up to five 120mm fans).
2. Mount fans using appropriate screws, ensuring correct airflow direction.
3. For liquid cooling, install a 240mm radiator at the top mounting position, securing it with screws.
4. Connect fan and pump cables to your motherboard or fan controller.

COOLING SYSTEM

Supports up to 5 pcs cooling fan, 240mm liquid radiator

240MM

120MM   120MM

120MM

Pre-installed
1x 120mm PWM&ARGB fan

120MM   120MM

☐ 120MM FAN
☐ LIQUID RADIATOR

5pcs   240mm

Image: A diagram illustrating the cooling system layout within the Vetroo M06 PC case, detailing the positions for up to five 120mm fans and a 240mm liquid radiator at the top.

6. I/O Panel Connections

1. Connect the front panel cables (Power, Reset, USB 3.0, USB Type-C, HD Audio) to the corresponding headers on your motherboard. Refer to your motherboard manual for header locations.

I/O PANEL

Power

Reset

USB3.0

HD Audio

TYPE-C
READY

Image: A close-up of the Vetroo M06 PC case's front I/O panel, clearly labeling the Power button, Reset button, USB 3.0 port, HD Audio jack, and USB Type-C port.

OPERATING INSTRUCTIONS

Once all components are installed and cables are connected, replace the side panels. Connect your peripherals (monitor, keyboard, mouse) and power cable to the PSU. Press the power button on the front panel to start your system.

Airflow Management

The Vetroo M06 case features an excellent airflow design with mesh panels to facilitate optimal cooling. Ensure fans are installed to create a balanced airflow, typically with intake fans at the front/bottom and exhaust fans at the rear/top.
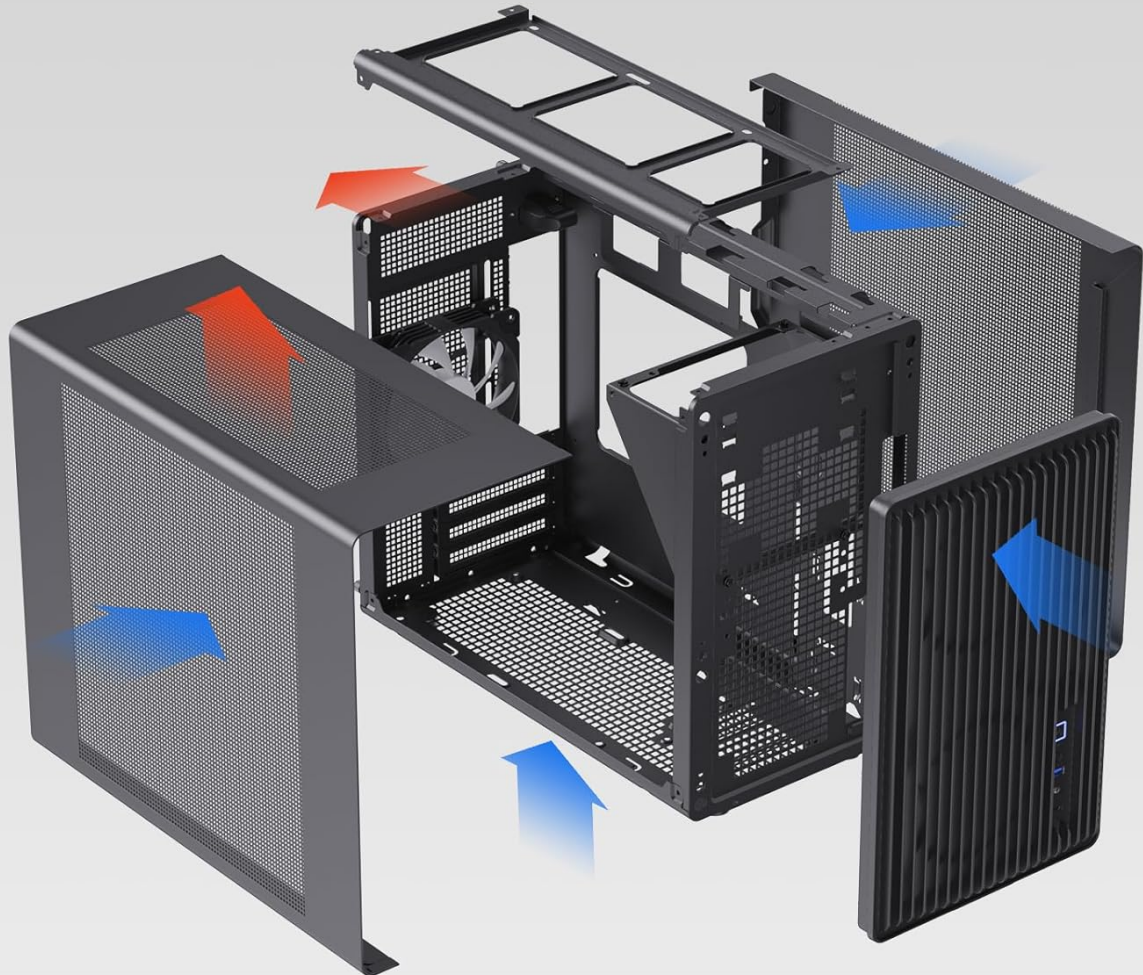
EXCELLENT AIRFLOW DESIGN

Image: An exploded diagram of the Vetroo M06 PC case, illustrating the intended airflow patterns with blue arrows indicating cool air intake and red arrows showing warm air exhaust through its mesh panels.

MAINTENANCE

Regular maintenance helps prolong the life of your PC components and ensures optimal performance.

- **Dust Cleaning:** Periodically clean dust filters and internal components using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **Cable Management:** Verify that internal cables are neatly routed and do not obstruct airflow.
- **Component Checks:** Ensure all screws are tight and components are securely seated.

Image: A close-up shot of the Vetroo M06 PC case, featuring a digital caliper measuring the thickness of the metal plate, which is specified as 0.8mm, highlighting the case's robust construction.

TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

- **System Not Powering On:**
    - Check all power connections, including the PSU to wall outlet, PSU to motherboard (24-pin and CPU 8-pin), and front panel power switch cable to motherboard.
    - Ensure the PSU switch is in the 'ON' position.

- **No Display Output:**
    - Verify that 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.

- **Overheating Issues:**

- Ensure all case fans are spinning and oriented correctly for optimal airflow.
- Check CPU cooler installation and thermal paste application.
- Clean any dust buildup from fans and filters.

- **USB Ports Not Functioning:**
  - Verify that the front panel USB 3.0 and USB Type-C cables are correctly connected to the motherboard headers.

WARRANTY AND SUPPORT

Vetroo products are designed for quality and reliability. For warranty information and technical support, please visit the official Vetroo website or contact their customer service. Keep your proof of purchase for warranty claims.

Vetroo Official Website: Vetroo Store on Amazon

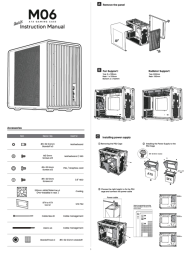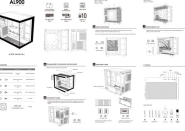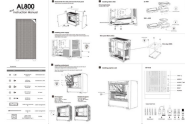For further assistance, please refer to the contact information provided with your product packaging or on the official Vetroo support channels.

Related Documents - M06

	Vetroo MESH-7C AL SERIES PC Case User Manual Detailed user manual for the Vetroo MESH-7C AL SERIES PC case, covering specifications, dimensions, accessories, and hardware installation steps for building your computer.
	Vetroo M05 M-ATX PC Case Instruction Manual Detailed instruction manual for assembling the Vetroo M05 M-ATX PC Case, covering component installation, accessory usage, and I/O panel connections.
	Vetroo AL800 PC Case User Manual User manual for the Vetroo AL800 PC case, detailing installation steps for components like the motherboard, power supply, fans, liquid radiators, HDDs, SSDs, and graphics cards. Includes I/O panel connection guide and accessory list.

	[M06 ATX Gaming Case Instruction Manual](#) Comprehensive guide for assembling the M06 ATX Gaming Case, detailing accessory lists, and step-by-step instructions for installing the power supply, motherboard, storage drives (SSD/HDD), and graphics card. Includes I/O panel and cable port information.
	[Vetroo AL900 ATX PC Case User Manual](#) User manual for the Vetroo AL900 ATX PC Gaming Case, detailing assembly, installation of components like the power supply, and I/O panel connections.
	[Vetroo AL800 Full Tower Gaming Case Instruction Manual](#) Comprehensive instruction manual for the Vetroo AL800 Full Tower Gaming PC Case. Learn how to install your power supply, motherboard, storage drives (SSD/HDD), graphics card, and understand fan and radiator support options. Includes accessory list and detailed step-by-step guidance.