SilverStone ML08B-H

SilverStone ML08B-H Mini-ITX Computer Case User Manual

Model: ML08B-H

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your SilverStone ML08B-H Mini-ITX Slim Small Form Factor Computer Case. Please read this manual thoroughly before beginning installation to ensure proper assembly and optimal performance.

The SilverStone ML08B-H is a highly versatile Mini-ITX console case, designed for compact yet powerful system builds. Its slim profile and efficient internal layout allow for significant hardware accommodation, including long graphics cards, while maintaining effective thermal management.

SETUP AND INSTALLATION

Follow these steps for the proper setup and installation of components within your ML08B-H chassis.

1. Unpacking and Inspection

Carefully remove the computer case from its packaging. Inspect the case for any signs of damage during transit. Ensure all accessories listed in the packing list are present.

Figure 1: Front and side view of the SilverStone ML08B-H computer case, showcasing its slim profile and front panel design.

2. Accessing the Interior

The ML08B-H features an independent expansion slot design for easy assembly. Locate and remove the screws securing the side panels to access the internal compartments. The case is designed with separate airflow paths for the CPU and graphics card.

Figure 2: Top-down internal view of the ML08B-H chassis, illustrating the layout for motherboard, power supply, and drive bays.

3. Motherboard Installation

The ML08B-H is compatible with Mini-ITX motherboards. Carefully align your Mini-ITX motherboard with the standoffs inside the case and secure it with screws. Ensure all necessary cables (front panel connectors, USB 3.0, audio) are routed appropriately.

4. Power Supply Unit (PSU) Installation

This case supports SFX power supply units. Install your SFX PSU into the designated mounting area, typically at

the bottom of the chassis. Secure it with screws and connect the necessary power cables to your motherboard and other components.

5. Graphics Card Installation

The ML08B-H supports graphics cards up to 13 inches in length. Utilize the independent expansion slot design to install your graphics card. Ensure it is properly seated in the PCIe slot and secured.

6. Drive Installation

The case features tool-less drive cages for quick and easy installation of storage drives. Refer to the internal layout for specific 2.5-inch or 3.5-inch drive bay locations. Secure your SSDs or HDDs using the provided mechanisms.

7. Cable Management

Route all cables neatly to ensure optimal airflow and a clean build. Utilize any available cable tie-down points or channels within the chassis.

8. Closing the Case

Once all components are installed and cables are managed, reattach the side panels and secure them with the screws removed earlier.

OPERATION

The SilverStone ML08B-H is designed for versatile operation, supporting both vertical and horizontal orientations.

Powering On

Connect the power cable to the PSU and a wall outlet. Press the power button located on the front panel of the case to turn on your system.

Orientation

The ML08B-H can be used in either a vertical or horizontal orientation, fitting into nearly any environment. Ensure proper ventilation regardless of orientation.

Figure 3: The ML08B-H case shown in its vertical orientation, featuring the optional integrated carrying handle.

Figure 4: The ML08B-H case displayed in a horizontal orientation, suitable for HTPC or console setups.

USB 3.0 Ports

Two USB 3.0 ports are available on the front panel for convenient access to high-speed data transfer.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your computer case and its components.

Cleaning

Periodically clean the exterior of the case with a soft, dry cloth. For dust accumulation inside, especially on fan filters and vents, use compressed air. Ensure the system is powered off and unplugged before cleaning the interior.

Figure 5: Side view of the ML08B-H case, highlighting the ventilation grilles designed for efficient airflow.

Airflow Management

The ML08B-H features separate airflow paths for the CPU and graphics card. Ensure these ventilation areas are not obstructed to maintain effective cooling. Check for dust buildup on intake and exhaust vents regularly.

TROUBLESHOOTING

This section addresses common issues you might encounter with your ML08B-H case.

System Not Powering On

- Verify that the power cable is securely connected to both the PSU and the wall outlet.
- Ensure the PSU switch is in the 'On' position.
- Check all internal power connections, especially the 24-pin ATX and CPU power cables to the motherboard.
- Confirm that the front panel power switch connector is correctly attached to the motherboard's header.

Overheating Issues

- Ensure the case's ventilation areas are not blocked.
- Clean any dust buildup from fan filters and internal components.
- Verify that all internal fans (CPU cooler, GPU fans, case fans if applicable) are functioning correctly.
- Check thermal paste application on the CPU.

USB Ports Not Functioning

- Ensure the front panel USB 3.0 header cable is securely connected to the motherboard.
- Check motherboard BIOS settings for USB port enablement.
- Test with different USB devices to rule out device-specific issues.

SPECIFICATIONS

Feature	Detail
Model Name	ML08B-H
Case Type	Slim-Desktop
Material	Alloy Steel, Plastic
Motherboard Compatibility	Mini ITX
Power Supply Mounting Type	Bottom Mount (SFX)
Cooling Method	Air
Product Dimensions (LxWxH)	14.57 x 14.96 x 3.43 inches
Item Weight	7.72 pounds
Number of USB 3.0 Ports	2 (Front Panel)
Maximum Graphics Card Length	Up to 13 inches
Color	ML08B-H (Black)

Warranty and Support

For warranty information and technical support, please refer to the official SilverStone Technology website or contact their customer service directly.

Manufacturer: SilverStone

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For the most up-to-date support resources, including FAQs and driver downloads, please visit:

www.silverstonetek.com