Montech HERITAGE-B

MONTECH Heritage mATX Micro Form Factor Gaming Chassis User Manual

Brand: Montech | Model: HERITAGE-B

1. INTRODUCTION

The MONTECH Heritage is a compact micro-ATX/mini-ITX computer chassis designed for high-performance gaming systems. It features a unique blend of luxury leather and metal, offering both aesthetic appeal and robust functionality. This manual provides essential information for the proper installation, operation, and maintenance of your Heritage chassis.

- **Portable Design:** Equipped with a durable leather handle for convenient mobility.
- **Premium Materials:** Combines elegant leather and metal for a distinctive appearance.
- **High-Performance Support:** Accommodates RTX 40 Series GPUs, ATX PSUs, and 360mm AIO liquid cooling solutions.
- **Flexible PSU Mounting:** Features adjustable three-stage PSU positioning for optimized builds.
- **Easy Maintenance:** Includes a magnetic dust filter at the bottom for quick removal and cleaning.

2. PACKAGE CONTENTS

Please verify that all components are present in the package before proceeding with installation. The standard package for the MONTECH Heritage chassis includes:

- MONTECH Heritage mATX Chassis (Black)
- Accessory Box (containing screws, standoffs, cable ties, etc.)
- User Manual (this document)

Note: Additional fans or specific accessories may vary based on the specific model or region. Refer to your product packaging for exact contents.

3. SPECIFICATIONS

Feature	Specification
Model Name	HERITAGE-B
Case Type	Micro Tower
Motherboard Compatibility	Micro ATX, Mini ITX
Material	Leather, Metal
Color	Black
Dimensions (LxWxH)	18.9 x 9.25 x 14.49 inches (480 x 235 x 368 mm)
Item Weight	11.02 pounds (5 kg)
USB 3.0 Ports	1
Power Supply Mounting Type	Adjustable
Cooling Method	Air, Water
Maximum GPU Length	400 mm
Maximum PSU Length	160 mm
AIO Radiator Support	Up to 360mm

4. SETUP AND INSTALLATION

Follow these steps to install your components into the MONTECH Heritage chassis.

4.1 Preparing the Chassis

1. Place the chassis on a stable, flat surface.
2. Remove the side panels by unscrewing the thumb screws at the rear and sliding them off.

4.2 Motherboard Installation

1. Install the I/O shield into the rear opening of the chassis.
2. Align your Micro-ATX or Mini-ITX motherboard with the pre-installed standoffs.
3. Secure the motherboard using the provided screws.

4.3 Power Supply Unit (PSU) Installation

The Heritage chassis supports ATX PSUs up to 160mm in length and features a three-stage adjustable mounting position.

1. Determine the optimal PSU mounting position based on your other components (e.g., GPU length, radiator size).

2. Mount the PSU to the designated bracket at the front of the chassis.
3. Secure the PSU with screws.

4.4 Graphics Processing Unit (GPU) Installation

The chassis supports GPUs up to 400mm in length, including RTX 40 Series cards.

1. Remove the necessary PCIe slot covers from the rear of the chassis.
2. Insert your GPU into the primary PCIe slot on the motherboard.
3. Secure the GPU with screws.

4.5 Cooling System Installation (Fans & AIO)

The Heritage chassis supports various fan configurations and up to a 360mm AIO liquid cooler.

- **Fan Support:** Refer to the internal layout diagram for optimal fan placement (e.g., 120mm*3 bottom, 120mm*2 side, 120mm*1 rear).
- **Radiator Support:** A 360mm AIO radiator can be mounted at the bottom, or smaller radiators (240/280mm) on the side.
- Install fans and/or radiators using the appropriate screws.

Internal layout of the MONTECH Heritage chassis, illustrating component compatibility and fan/radiator mounting locations. This diagram shows support for Micro-ATX/Mini-ITX motherboards, GPUs up to 400mm, PSUs up to 160mm, and various fan/radiator sizes.

4.6 Cable Management and Front I/O Connections

1. Route all power and data cables neatly behind the motherboard tray to ensure optimal airflow and a clean build. Use the provided cable ties.
2. Connect the front panel I/O cables (USB 3.0, power switch, reset switch, audio) to the corresponding headers on your motherboard. Refer to your motherboard manual for specific header locations.

4.7 Final Assembly

1. Once all components are installed and cables are managed, reattach the side panels.
2. Secure the side panels with the thumb screws.

5. OPERATING INSTRUCTIONS

After completing the setup, your MONTECH Heritage system is ready for operation.

5.1 Powering On Your System

1. Connect your monitor, keyboard, mouse, and power cable to the appropriate ports on your system.
2. Ensure the PSU switch at the rear of the chassis is in the 'ON' position.
3. Press the power button located on the front I/O panel of the chassis.

5.2 Front Panel Connectivity

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

- **USB 3.0 Port:** For high-speed data transfer with compatible devices.
- **Audio Jacks:** For connecting headphones and microphones.
- **Power Button:** To turn the system on or off.

5.3 Portability

The integrated leather handle allows for easy transportation of your system. Ensure all cables are disconnected and the system is powered off before moving. The handle is designed to support the weight of a fully built system.

The MONTECH Heritage chassis features a durable leather strap, designed for effortless portability and capable of supporting a fully equipped system.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your chassis.

6.1 Cleaning the Exterior

- Use a soft, dry cloth to wipe down the metal and leather surfaces.
- For stubborn marks on leather, use a slightly damp cloth with mild soap, then wipe dry immediately. Avoid harsh chemicals.

6.2 Cleaning Dust Filters

The bottom magnetic dust filter can be easily removed for cleaning.

1. Gently pull the magnetic dust filter from the bottom of the chassis.
2. Clean the filter using compressed air or by rinsing it with water. Ensure it is completely dry before reattaching.

6.3 Internal Dust Removal

Periodically remove the side panels and use compressed air to clear dust from internal components and fan blades. Ensure the system is powered off and unplugged before performing internal cleaning.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

7.1 System Does Not Power On

- **Check Power Connections:** Ensure the power cable is securely plugged into the PSU and the wall outlet. Verify the PSU switch is in the 'ON' position.
- **Front Panel Connections:** Confirm the power button cable from the chassis is correctly connected to the motherboard's front panel header.
- **Internal Components:** Reseat the 24-pin ATX power cable and 8-pin CPU power cable on the motherboard.

7.2 Fans Not Spinning

- **Fan Connections:** Ensure all fan cables are properly connected to the motherboard fan headers or a fan controller.
- **BIOS/UEFI Settings:** Check your motherboard's BIOS/UEFI settings to ensure fan control is configured correctly.

7.3 Front USB/Audio Ports Not Working

- **Internal Connections:** Verify that the front panel USB and audio cables are securely connected to the corresponding headers on your motherboard.
- **Driver Issues:** Ensure you have the latest audio and chipset drivers installed for your motherboard.

If you continue to experience issues, please refer to the support section or consult a qualified technician.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

MONTECH products are manufactured to the highest quality standards. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official MONTECH website. Keep your proof of purchase for warranty claims.

8.2 Technical Support

If you require technical assistance or have questions regarding your MONTECH Heritage chassis, please contact MONTECH customer support through their official website. Provide your product model number (HERITAGE-B) and a detailed description of your issue for efficient service.