Thermaltake E600 MX

Thermaltake CTE E600 MX Mid Tower E-ATX Case Instruction Manual

Model: CA-1Y3-00M6WN-00

1. Introduction

The Thermaltake CTE E600 MX chassis is designed with a Centralized Thermal Efficiency (CTE) Form Factor, featuring a dual-chamber layout to optimize thermal performance for critical components. This mid-tower case offers an interchangeable mesh and tempered glass front panel, providing flexibility for airflow or aesthetic preference. It supports a three-way GPU installation with an included 400mm PCIe 4.0 riser cable and extensive cooling options, including support for up to 420mm AIO radiators and numerous fans.

2. Setup and Installation

2.1. Unpacking and Initial Inspection

Carefully remove the chassis from its packaging. Inspect the case and all included accessories for any signs of damage. Ensure all components listed in the manual are present.

Figure 1: Front view of the Thermaltake CTE E600 MX Snow chassis.

2.2. Component Overview

Familiarize yourself with the chassis layout and included accessories. The manual provides detailed diagrams of all parts and their intended use.

Video 1: This video demonstrates the unboxing and included accessories for a similar Thermaltake CTE C750 case, providing insight into typical component packaging and documentation.

Figure 2: Side view of the Thermaltake CTE E600 MX Snow chassis, showing the tempered glass panel.

2.3. Panel Removal

To access the interior for component installation, carefully remove the top, front, and side panels. The panels are designed for easy removal, often utilizing clips or simple sliding mechanisms. Refer to the manual for specific instructions on each panel type.

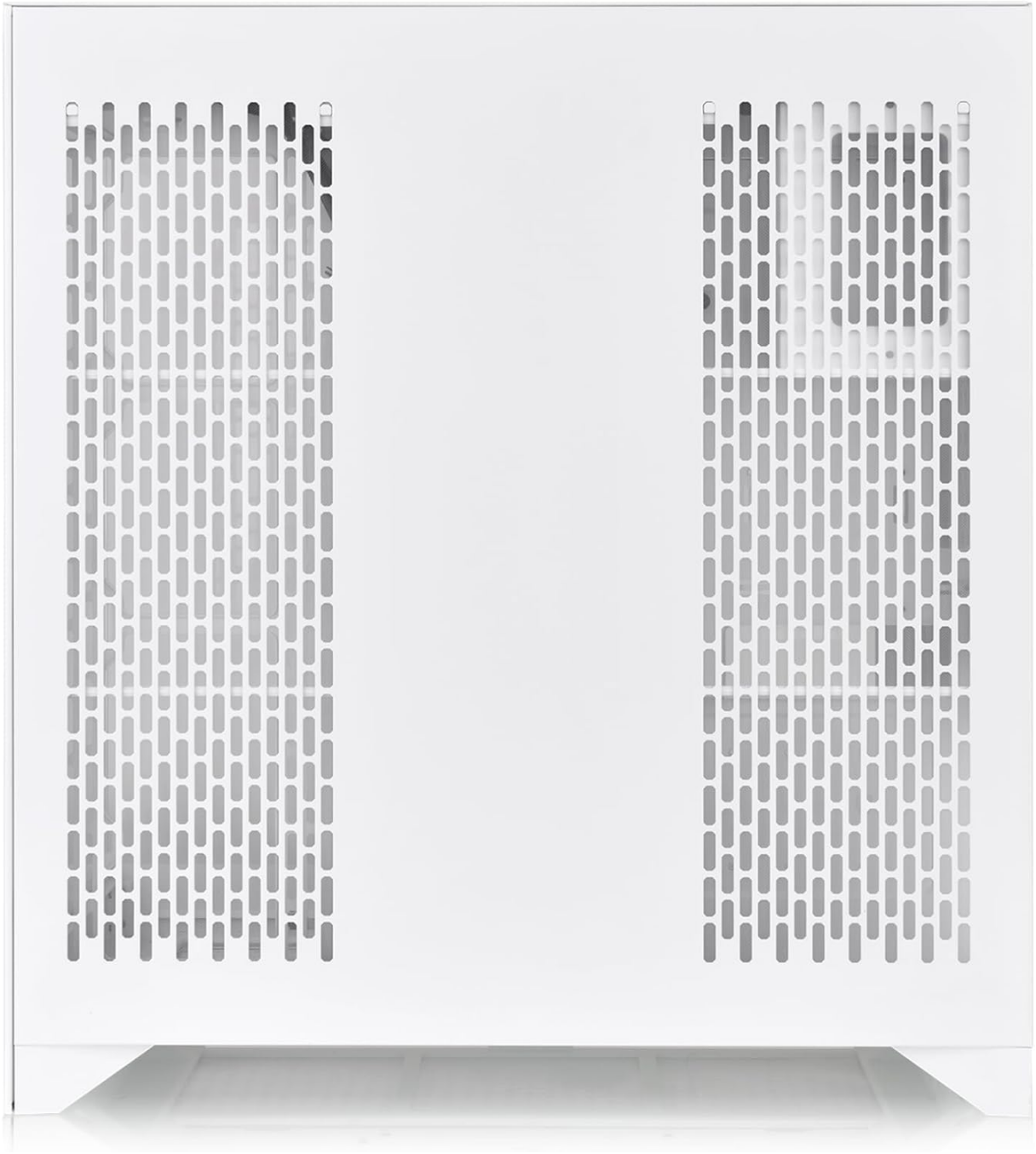

Figure 3: Rear view of the Thermaltake CTE E600 MX Snow chassis, showing the rear panel and fan mounts.

2.4. Motherboard Installation

The CTE E600 MX supports Mini ITX, Micro ATX, ATX, and E-ATX motherboards. Install the motherboard onto the pre-installed standoffs. Ensure proper alignment and secure with screws. The unique 90-degree rotated motherboard tray design optimizes airflow pathways.

2.5. GPU Installation

The chassis offers three-way GPU mounting options: floating, upright, and upright-forward. Utilize the included floating VGA bracket and the 400mm PCIe 4.0 riser cable for flexible GPU placement. Ensure the GPU is securely mounted to prevent sagging.

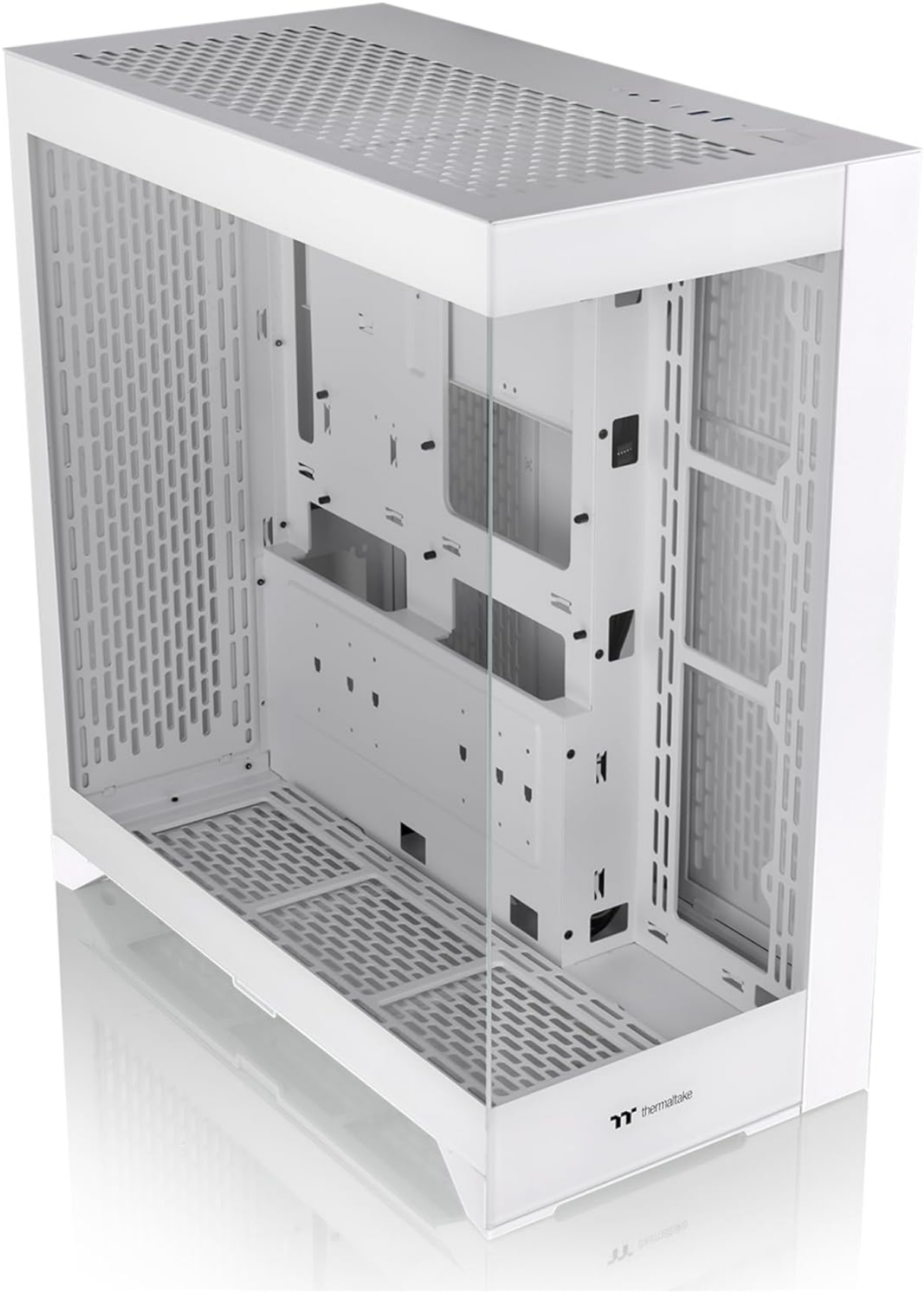

Figure 4: Internal view of the Thermaltake CTE E600 MX Snow chassis, highlighting the floating VGA mounting bracket.

2.6. Storage Drive Installation

Install up to two 3.5" HDDs in the dedicated HDD cage and two 2.5" SSDs on the drive plate located in the right chamber of the dual-chamber design. Secure all drives with appropriate screws.

2.7. Power Supply Unit Installation

Mount your standard PS2 PSU in the designated compartment. Ensure all power cables are routed

efficiently to their respective components.

2.8. Cable Management

Utilize the ample space in the right chamber and the numerous anchor points with Velcro straps and cable ties to maintain a neat and organized setup. This improves airflow and aesthetics.

Figure 5: Internal view of the Thermaltake CTE E600 MX Snow chassis, showcasing cable management options and grommets.

3. Operation

3.1. Powering On/Off

Locate the power button on the top I/O panel. Press it once to power on your system. Press and hold for a few seconds to power off, or use the operating system's shutdown function.

3.2. Front I/O Panel

The top I/O panel provides convenient access to connectivity options:

- 2 x USB 3.0 ports
- 1 x Type-C port
- 1 x HD Audio jack
- 1 x Reset button

4. Maintenance

4.1. Cleaning Dust Filters

To maintain optimal airflow and prevent dust buildup, regularly clean the removable mesh filters. These filters are located at the top, front, bottom, rear, and right side of the chassis. They feature a simple magnet and notch design for easy removal and reinstallation.

5. Troubleshooting

If you encounter issues during installation or operation, please review the following common points:

- **Component Clearance:** Ensure all components (CPU cooler, VGA, PSU) adhere to the maximum clearance specifications provided in the manual to prevent physical interference and ensure proper airflow.
- **Cable Connections:** Double-check all power and data cable connections to the motherboard, PSU, and drives. Loose connections can cause system instability or failure to boot.
- **Fan/Radiator Placement:** Verify that fans and radiators are installed in the correct orientation for optimal intake and exhaust, as detailed in the specifications.

6. Specifications

Feature	Specification
Case Type	Mid Tower
Dimensions (H x W x D)	558.5 x 270 x 513mm (21.99 x 10.63 x 20.2 inch)
Weight	16 kg / 35.27 lbs
Side Panel	4mm Tempered Glass x 2
Material	SPCC
Drive Bays	2 x 3.5”, 2 x 2.5”
Expansion Slots	7
Motherboard Compatibility	Mini ITX, Micro ATX, ATX, E-ATX (12” x 10.5”)
I/O Port	USB 3.0 x 2, Type-C x 1, HD Audio x 1
PSU	Standard PS2 PSU (optional)
CPU Cooler Max Height	166mm
VGA Max Length	415mm (with radiator), 443.8mm (without radiator)
PSU Max Length	220mm

7. Warranty and Support

This product is covered by Thermaltake's standard warranty. For detailed warranty terms and conditions, please refer to the warranty information included in your product packaging or visit the official Thermaltake website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Thermaltake customer service through their official support channels.