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Thermaltake CA-1J1-00S1NN-00

Thermaltake Versa H17 Micro ATX Computer Case User Manual

Model: CA-1J1-00S1NN-00 | Brand: Thermaltake

1. Introduction

The Thermaltake Versa H17 is a Micro ATX mini tower computer case designed for PC builders and gamers. It features a compact design, support for AIO liquid cooling, and various ventilation options. This manual provides instructions for the proper setup, operation, and maintenance of your Versa H17 chassis.

2. Safety Information

- Always disconnect power from all components before installation or maintenance.
- Handle components with care to prevent damage from static electricity.
- Keep small parts and tools away from children.
- Ensure proper ventilation around the case to prevent overheating.
- Refer to the motherboard and power supply manuals for specific installation instructions.

3. Package Contents

Verify that all items are present in your package:

- Thermaltake Versa H17 Computer Case
- 120mm Rear Fan (pre-installed)
- Tool Pack (screws, standoffs, zip ties)
- User Manual (this document)

4. Product Overview

The Versa H17 case offers a streamlined design with essential features for a micro ATX build.

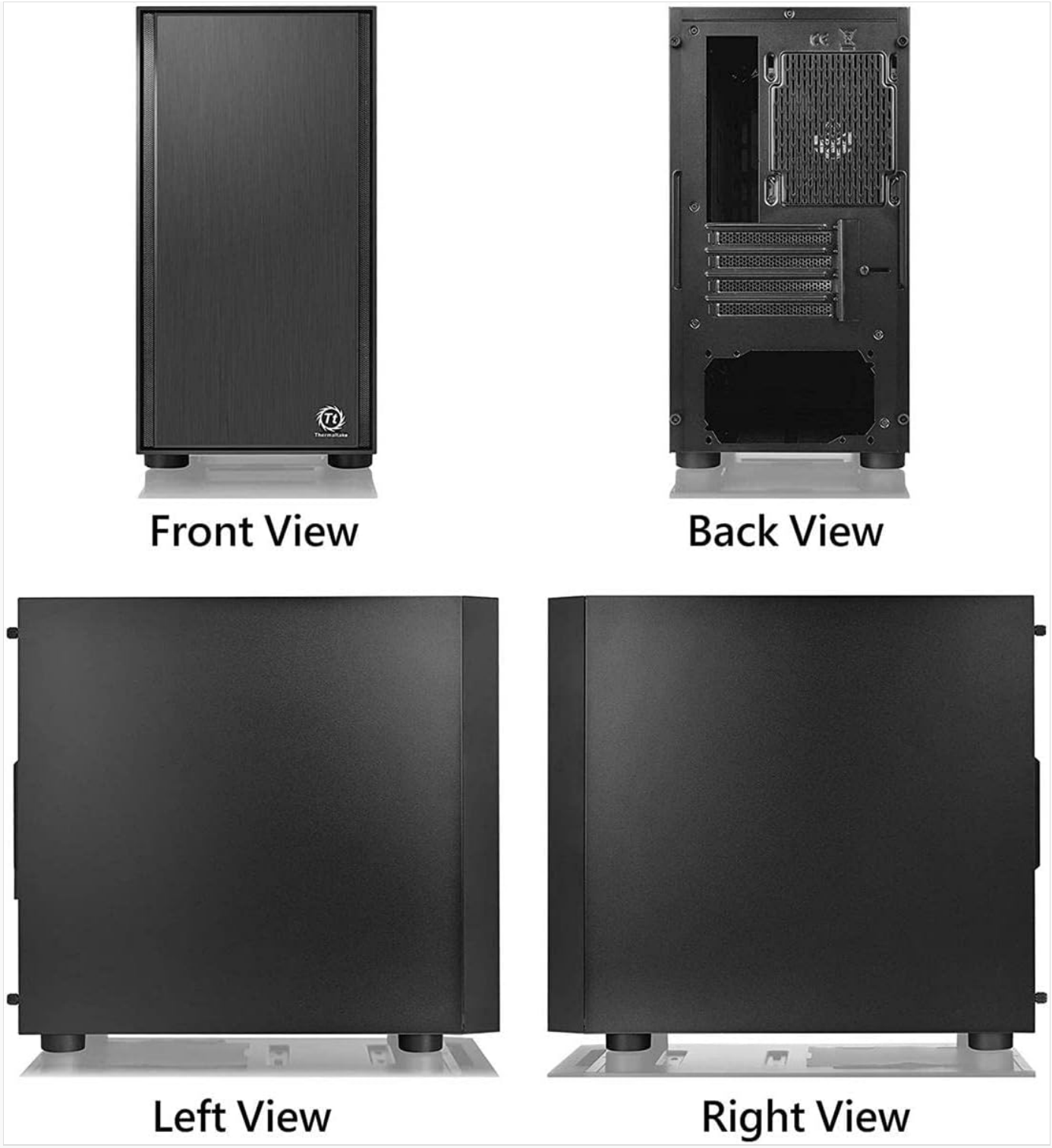


Figure 4.1: Front, Back, Left, and Right views of the Thermaltake Versa H17 case.

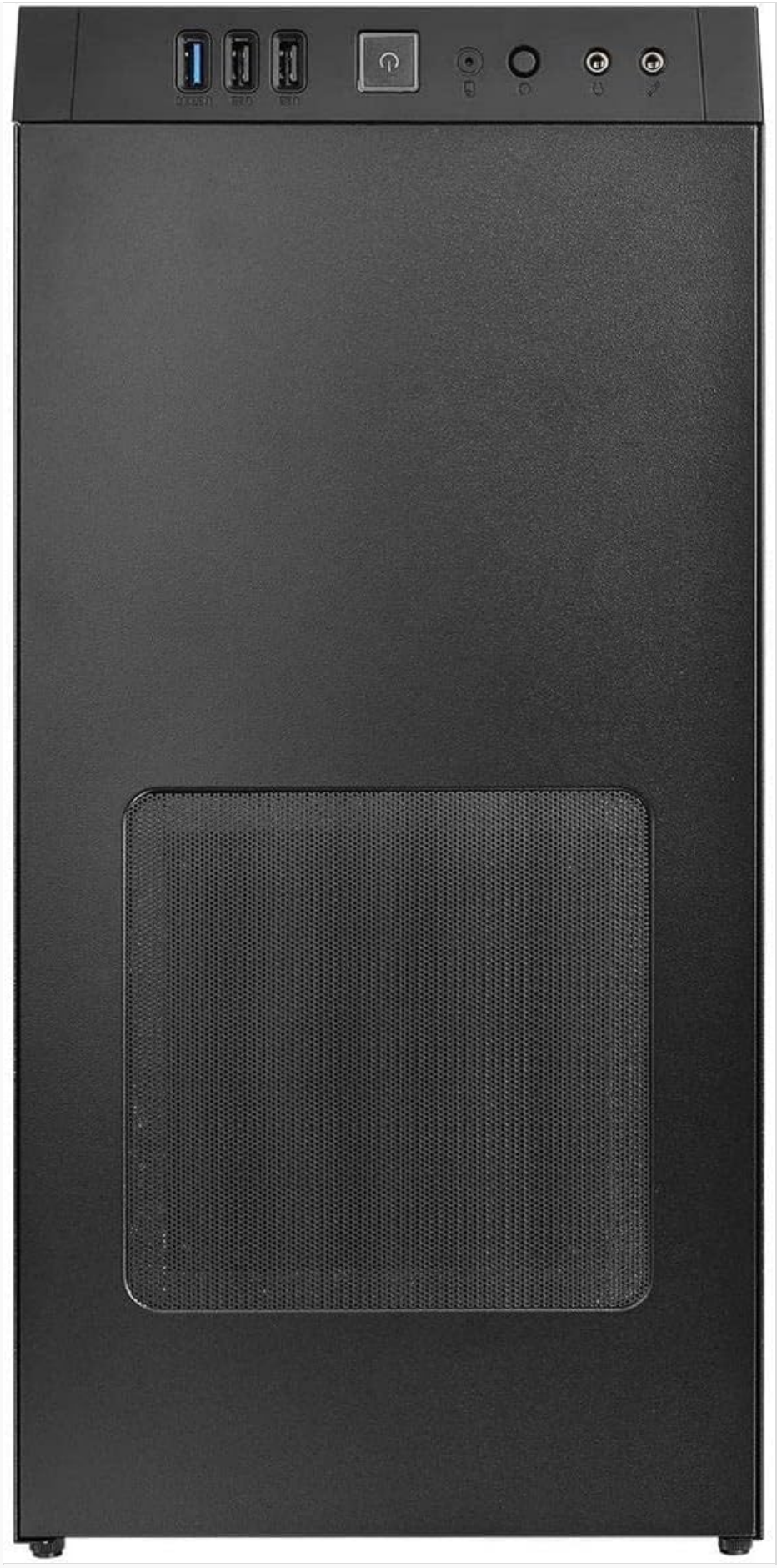


Figure 4.2: Front panel of the Versa H17, showing the brushed aluminum look and front intake area.



Figure 4.3: Top I/O ports including 1x USB 3.0, 2x USB 2.0, and HD Audio jacks.



Figure 4.4: Bottom view of the Versa H17, showing the PSU intake filter and case feet.

5. Setup and Installation

5.1 Preparing the Case

1. Unpack the case and remove all packaging materials.
2. Remove the side panels by unscrewing the thumbscrews at the rear of the case and sliding the panels backward.

5.2 Motherboard Installation

1. Install the I/O shield into the rear opening of the case.
2. Align the motherboard with the pre-installed standoffs. Additional standoffs may be required for Mini-ITX motherboards.
3. Secure the motherboard with the provided screws.

5.3 Power Supply Unit (PSU) Installation

1. Position the PSU at the bottom rear of the case, ensuring the fan faces downwards for optimal cooling (if the case has a bottom vent).
2. Secure the PSU with screws from the rear of the case.

5.4 Drive Installation (2.5"/3.5")

The Versa H17 features a tool-free design for 2.5"/3.5" drives.

1. Locate the drive bays.
2. Slide the drive into the bay until it clicks into place.
3. Connect power and data cables to the installed drives.

5.5 Expansion Card Installation

1. Remove the necessary expansion slot covers from the rear of the case.
2. Insert the expansion card (e.g., graphics card) into the appropriate PCIe slot on the motherboard.
3. Secure the card with a screw.

5.6 Cooling System Installation

The Versa H17 supports various fan and radiator configurations.



Figure 5.1: The Versa H17 comes with one 120mm black rear fan pre-installed for exhaust.

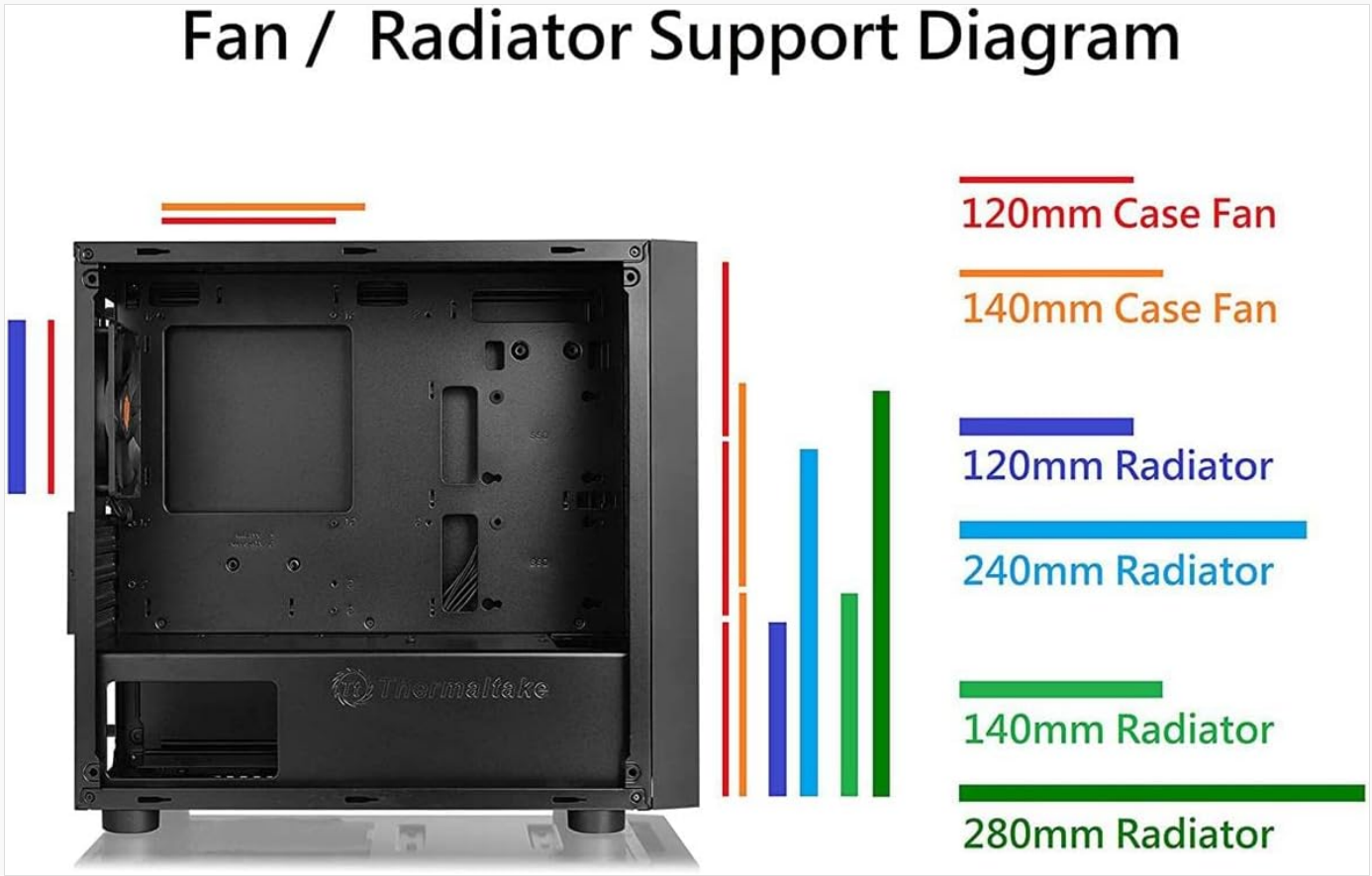


Figure 5.2: Diagram illustrating fan and radiator compatibility for the Versa H17 case.

- **Front:** Supports up to 3 x 120mm or 2 x 140mm fans. Radiator support up to 240mm or 280mm.
- **Top:** Supports 1 x 120mm or 1 x 140mm fan.
- **Rear:** 1 x 120mm fan (pre-installed). Radiator support up to 120mm.

Install additional fans or radiators as needed, securing them with appropriate screws.

5.7 Cable Management

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

6. Operating Instructions

1. Once all components are installed and cables are connected, replace the side panels.
2. Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports on your motherboard and graphics card.
3. Connect the power cable to the PSU and a wall outlet.
4. Press the power button on the top I/O panel to turn on your system.

7. Maintenance

- **Dust Filters:** Regularly clean the dust filters (bottom PSU filter, front intake filter) to maintain optimal airflow and prevent dust buildup inside the case. Filters can typically be slid out and cleaned with water or compressed air.
- **Interior Cleaning:** Periodically open the case and use compressed air to remove dust from components like CPU coolers, GPU heatsinks, and case fans.
- **Exterior Cleaning:** Wipe the exterior of the case with a soft, damp cloth. Avoid harsh chemicals.

8. Troubleshooting

- **System not powering on:**
  - Ensure the PSU is switched on and properly connected to the wall outlet.
  - Verify all power cables (24-pin, CPU, GPU) are securely connected to the motherboard and components.
  - Check that the front panel power switch cable is correctly connected to the motherboard's front panel header.
- **No display output:**
  - Ensure your monitor is connected to the graphics card (not the motherboard I/O if a dedicated GPU is installed).
  - Reseat the graphics card and verify its power cables are connected.
- **Excessive noise:**
  - Identify the source of the noise (e.g., fan, hard drive).
  - Clean dusty fans or replace faulty ones.

9. Specifications

Feature	Specification

Model Name	Versa H17
Model Number	CA-1J1-00S1NN-00
Case Type	Micro ATX Mini Tower
Material	SPCC (Steel Plate Cold Rolled)
Color	Black
Motherboard Compatibility	Micro ATX, Mini ITX
Expansion Slots	4
Drive Bays	2 x 2.5"/3.5" (Hidden)
Front I/O Ports	1 x USB 3.0, 2 x USB 2.0, 1 x HD Audio
Fan Support (Front)	3 x 120mm or 2 x 140mm
Fan Support (Top)	1 x 120mm or 1 x 140mm
Fan Support (Rear)	1 x 120mm (included)
Radiator Support (Front)	Up to 240mm / 280mm
Radiator Support (Rear)	Up to 120mm
Max GPU Length Allowance	350 mm (Without Front Fan)
Max CPU Cooler Height Allowance	155 mm
Max PSU Length	220 mm
Dimensions (H x W x D)	15.40" x 8.10" x 15.00" (391 x 205 x 380 mm)
Weight	9.92 lbs (4.5 kg)

10. Warranty and Support

The Thermaltake Versa H17 computer case comes with a**3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or further assistance, please visit the official Thermaltake website or contact their customer service department. Keep your proof of purchase for warranty validation.

Official Thermaltake Website: www.thermaltake.com

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