

Thermaltake S200 Plus TG ARGB

Thermaltake S200 Plus TG ARGB Mid Tower Computer Chassis Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Thermaltake S200 Plus TG ARGB Mid Tower Computer Chassis. Please read this manual thoroughly before beginning assembly to ensure correct setup and optimal performance. Retain this manual for future reference.



Figure 1.1: Thermaltake S200 Plus TG ARGB Mid Tower Chassis Overview

2. SAFETY INFORMATION

Observe the following safety precautions during installation and operation:

- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to components.
- Handle components carefully to avoid physical damage.
- Keep the chassis away from water, moisture, and extreme temperatures.
- Ensure proper ventilation to prevent overheating.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Thermaltake S200 Plus TG ARGB Mid Tower Chassis
- 4 x 120mm ARGB Lite Fans (3 pre-installed front, 1 pre-installed rear)
- Accessory Box (screws, zip ties, standoffs, etc.)
- User Manual (this document)

4. COMPONENT OVERVIEW

Familiarize yourself with the key features and components of your chassis.

4.1. Exterior Views

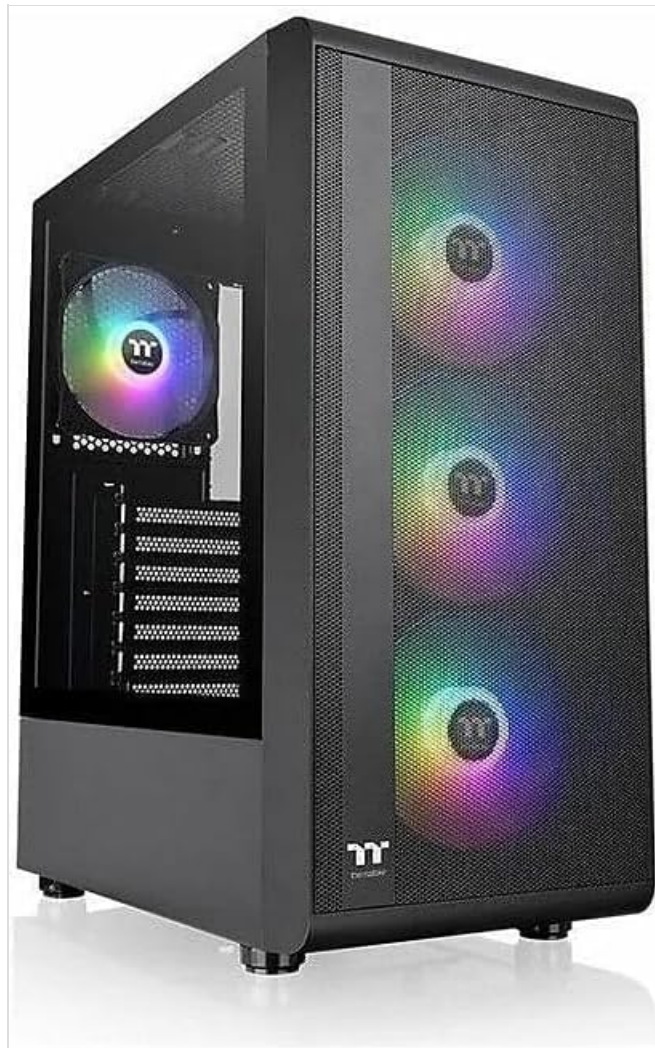


Figure 4.1: Angled view of the chassis

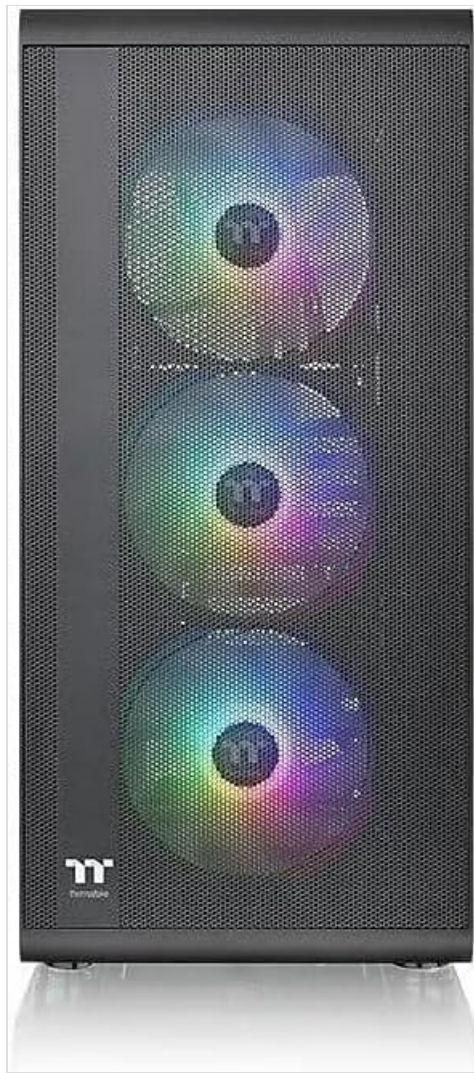


Figure 4.2: Front view of the chassis



Figure 4.3: Mesh Front Panel for optimized airflow

4.2. Interior Views



Figure 4.4: Interior layout with tempered glass side panel removed



TEMPERED GLASS PANEL

S200 Plus TG ARGB mid-tower chassis comes with one 3mm tempered glass panel on the left side, thicker and more scratch resistant when compared to standard acrylic. On top of that, the enlarged window design enables you to display and admire all your components in their full RGB glory.

Figure 4.5: Tempered Glass Side Panel



BUILT-IN PSU COVER

S200 Plus TG ARGB mid-tower chassis features a full length power supply cover providing plenty of space to tuck away cables, while keeping airflow clear for your hard drives and PSU.

Figure 4.6: Built-in PSU Cover for cable management

4.3. Front I/O Ports



HANDY I/O PORTS

Two USB 3.0 ports, one HD Audio and one reset button are placed on the top panel to grant direct access when needed.

Figure 4.7: Front I/O Panel

- **Power Button:** Turns the system on/off.
- **Reset Button:** Restarts the system.
- **USB 3.0 Ports (x2):** For high-speed data transfer.
- **HD Audio Jacks (Headphone/Microphone):** For audio input/output.

5. SETUP AND INSTALLATION

Follow these steps to install your PC components into the chassis.

5.1. Preparing the Chassis

1. Place the chassis on a flat, stable surface.
2. Remove the tempered glass side panel by unscrewing the thumb screws and carefully pulling it away.
3. Remove the right-side panel by unscrewing the thumb screws and sliding it backward.

5.2. Motherboard Installation

1. Install the necessary standoffs for your motherboard form factor (Mini ITX, Micro ATX, or ATX).
2. Align your motherboard with the standoffs and the I/O shield opening.
3. Secure the motherboard with the provided screws.

5.3. Power Supply Unit (PSU) Installation

1. Position the PSU into the dedicated compartment at the bottom rear of the chassis.
2. Ensure the PSU fan faces downwards (if the chassis has a bottom vent) or upwards.
3. Secure the PSU with screws from the rear of the chassis.

5.4. Storage Drive Installation

The chassis supports 2 x 3.5" drives and 2 x 2.5" drives.

- **3.5" HDD:** Install into the drive cage located under the PSU shroud.
- **2.5" SSD/HDD:** Mount onto the dedicated trays behind the motherboard tray.

5.5. Graphics Card (VGA) Installation

1. Remove the necessary expansion slot covers from the rear of the chassis.
2. Insert your graphics card into the appropriate PCIe slot on the motherboard.
3. Secure the graphics card with screws.

5.6. Fan and Radiator Support

The chassis comes with four pre-installed 120mm ARGB Lite fans. Additional cooling options are available:

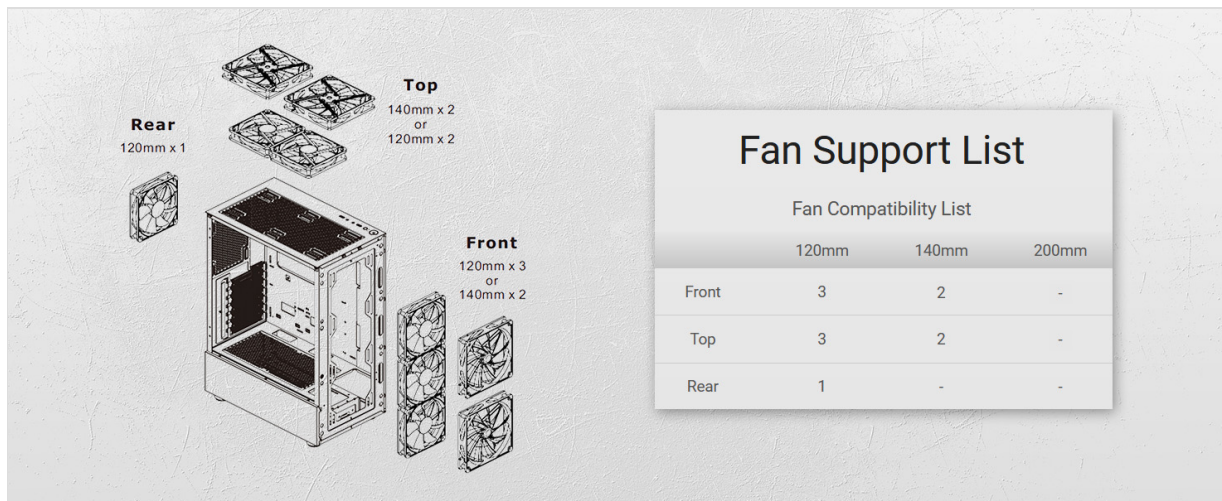


Figure 5.1: Fan Support List

- **Front:** 3 x 120mm or 2 x 140mm fans (3 x 120mm ARGB fans pre-installed).
- **Top:** 2 x 120mm or 2 x 140mm fans.
- **Rear:** 1 x 120mm fan (1 x 120mm ARGB fan pre-installed).

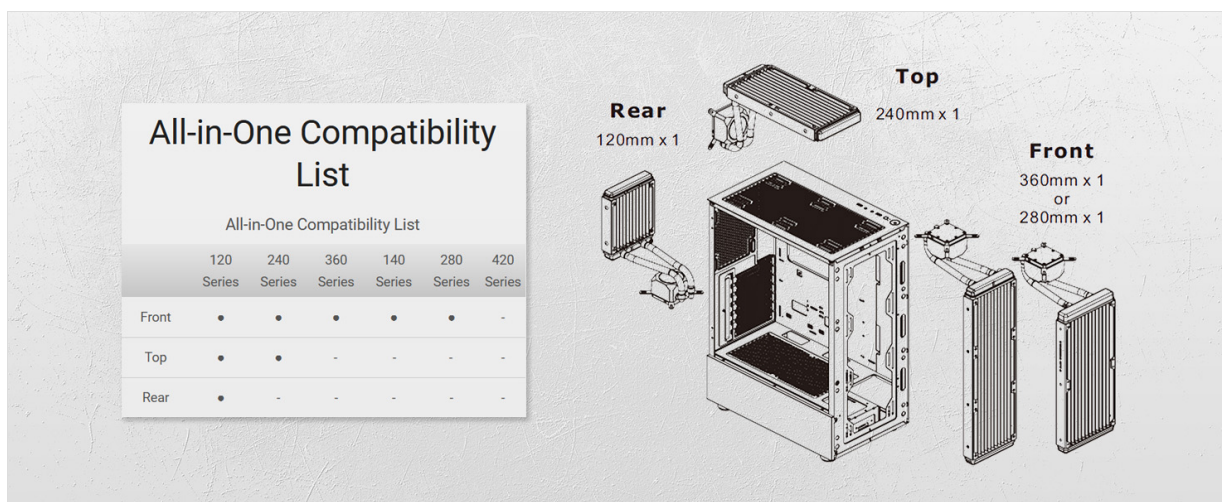


Figure 5.2: All-in-One (AIO) Radiator Compatibility List

- **Front:** 1 x 360mm or 1 x 280mm radiator.
- **Top:** 1 x 240mm radiator.
- **Rear:** 1 x 120mm radiator.

5.7. Cable Management

Utilize the space behind the motherboard tray and the PSU shroud to route and hide cables for a clean build and improved airflow. Use the provided zip ties to secure cables.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

Press the power button on the front I/O panel to turn your system on or off. A short press typically initiates a soft shutdown, while a long press (4-5 seconds) forces a hard shutdown.

6.2. ARGB Fan Control

The pre-installed ARGB fans are compatible with motherboard RGB software from major brands such as ASUS Aura Sync, GIGABYTE RGB Fusion, MSI Mystic Light Sync, and ASRock Polychrome Sync. Connect the ARGB cables to your motherboard's 5V addressable RGB header and use the motherboard's software to customize lighting effects.

7. MAINTENANCE

7.1. Cleaning

- **Dust Filters:** Regularly remove and clean the dust filters (front, top, bottom) to maintain optimal airflow and prevent dust buildup inside the chassis. Use compressed air or rinse with water and allow to dry completely before reinstallation.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Interior:** Use compressed air to remove dust from internal components periodically. Ensure the system is powered off and unplugged before cleaning.

8. TROUBLESHOOTING

If you encounter issues, refer to these common troubleshooting steps:

- **System Not Powering On:**
 - Check all power connections (PSU to wall, PSU to motherboard, CPU, GPU).
 - Ensure the power button cable is correctly connected to the motherboard's front panel header.
 - Verify the PSU switch is in the 'ON' position.
- **Fans Not Spinning / RGB Not Working:**
 - Check fan power cables and ARGB cables are securely connected to the motherboard or fan controller.
 - Ensure ARGB cables are connected to a 5V addressable RGB header, not a 12V RGB header.
 - Verify motherboard RGB software is installed and configured correctly.
- **Poor Airflow / Overheating:**
 - Clean all dust filters and internal components.
 - Ensure fans are oriented correctly for intake and exhaust.

- Check for any obstructions to airflow inside the chassis.

9. SPECIFICATIONS

Detailed technical specifications for the Thermaltake S200 Plus TG ARGB Mid Tower Chassis (Model: CA-1X2-00M1WN-01).



Figure 9.1: Component Clearance Information

Feature	Specification
Model	S200 Plus TG ARGB (CA-1X2-00M1WN-01)
Case Type	Mid Tower
Dimensions (H x W x D)	460 x 210 x 395.3 mm (18.11 x 8.27 x 15.56 inch)
Weight	4.9 kg / 10.8 lbs
Side Panel	1 x Tempered Glass
Color	Black
Material	SPCC Steel, Tempered Glass
Motherboard Compatibility	Mini ITX, Micro ATX, ATX
Drive Bays	2 x 3.5" or 2 x 2.5" (HDD Cage); 2 x 2.5" (Behind M/B Tray)
Expansion Slots	7
I/O Ports	2 x USB 3.0, 1 x HD Audio, 1 x Reset Button
PSU Support	Standard PS2 PSU (Bottom Mount)
CPU Cooler Max Height	166 mm
VGA Max Length	330 mm (without radiator), 300 mm (with radiator)
PSU Max Length	190 mm (with HDD Cage)
Pre-installed Fans	Front: 3 x 120mm ARGB Lite Fan; Rear: 1 x 120mm ARGB Lite Fan

10. WARRANTY INFORMATION

This Thermaltake chassis comes with a **3-Year Warranty** from the date of purchase. The warranty covers defects in materials and workmanship under normal use. For detailed warranty terms and conditions, please refer to the official Thermaltake website or contact customer support.

11. SUPPORT

For further assistance, technical support, or to download the latest drivers and software, please visit the official Thermaltake website:

www.thermaltake.com

You may also contact Thermaltake customer service for direct support.