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Corsair 2500X

CORSAIR 2500X Tempered Glass mATX PC Case User Manual

Model: 2500X (CC-9011266-WW)

Brand: Corsair

INTRODUCTION

The CORSAIR 2500X Micro ATX Dual Chamber PC Case is engineered to provide a clean and organized view of your small form factor (SFF) PC. It features dual tempered glass front and side panels, a dual-chamber design for efficient cable management, and extensive cooling flexibility. This manual provides essential information for setting up, operating, and maintaining your PC case.



Image: The CORSAIR 2500X PC case showcasing its tempered glass panels and compact design.

CORSAIR 2500X

A dual chamber micro ATX case with stunning tempered glass for an SFF PC that's easy to build and easier to show off.



*Components not included.

Image: A fully assembled CORSAIR 2500X PC case with illuminated internal components, demonstrating its aesthetic appeal.

PRODUCT FEATURES OVERVIEW

- **Dual Chamber Design:** Separates main components from the power supply, storage, and cables for improved cooling and a cleaner build.
- **Tempered Glass Panels:** Wraparound tempered glass on the front and side provides a clear view of your PC's internal components.
- **Reverse Connection Motherboard Compatibility:** Supports new ASUS BTM and MSI Project Zero motherboards, allowing cables to be routed to the rear for an unobstructed view.
- **Extensive Cooling Options:** Accommodates up to 9x 120mm or 4x 140mm fans, with versatile radiator mounting positions up to 360mm.
- **Tool-Free Drive Mounts:** Simplifies installation of up to two 3.5-inch or two 2.5-inch storage drives.
- **Modern Front Panel I/O:** Includes 1x USB 3.2 Gen-2 Type-C, 2x USB 3.2 Gen-1 Type-A, and a 3.5mm combo audio jack for convenient connectivity.

SETUP AND INSTALLATION

1. Preparing the Case

Before installing any components, place the CORSAIR 2500X case on a stable, flat surface. Carefully remove the tempered glass panels and side panels to gain access to the interior. These panels are typically secured with thumbscrews or a simple latch mechanism. The dual-chamber design is key to this case, separating the main components (motherboard, GPU, cooling) from the power supply, storage drives, and cables, which simplifies cable management and enhances airflow.

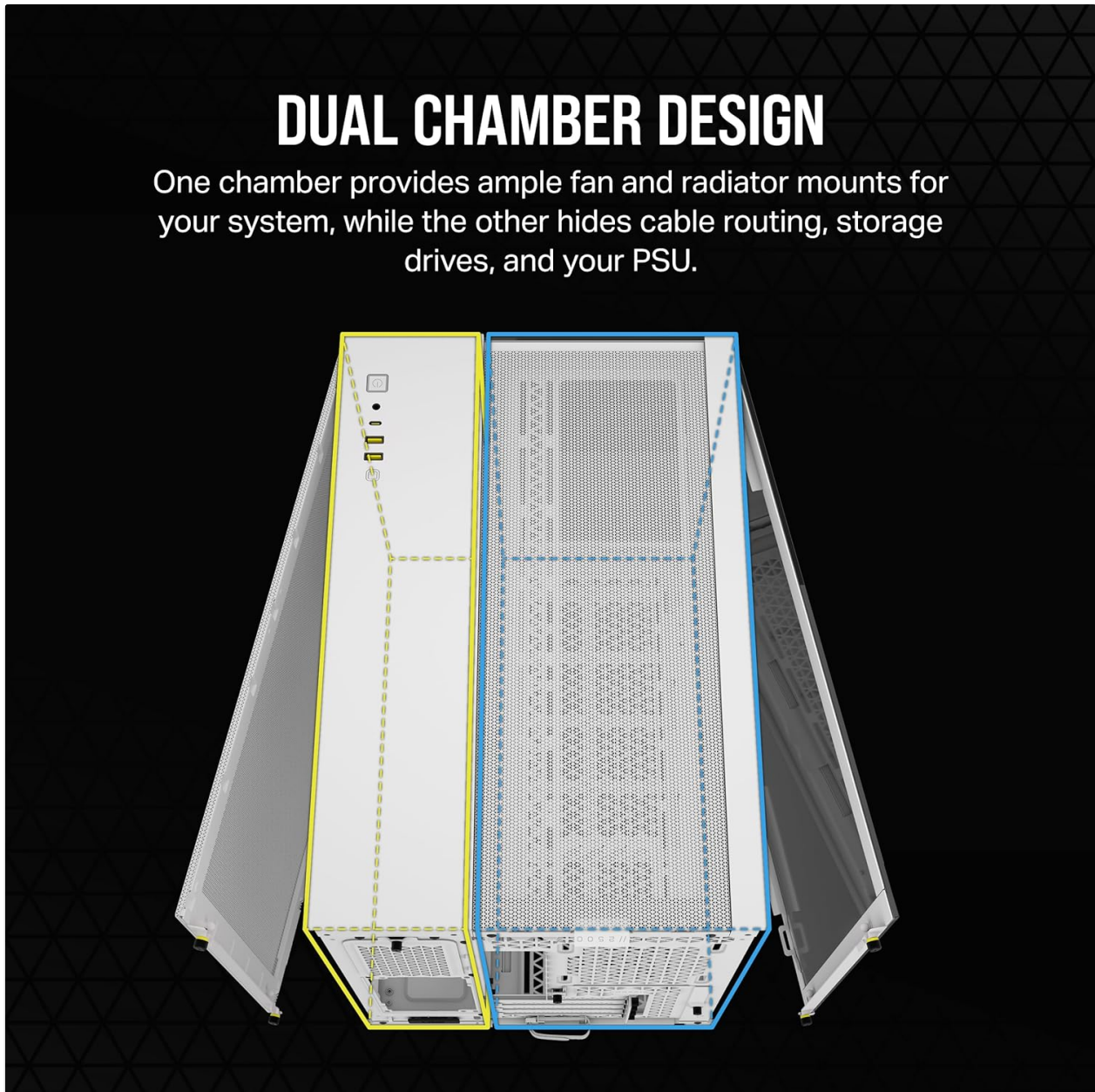


Image: An exploded view diagram highlighting the dual-chamber design, showing one chamber for components and the other for cable routing and power supply.

2. Motherboard Installation

Install your Micro ATX motherboard into the main chamber. The 2500X case is designed to be compatible with reverse connection motherboards, such as ASUS BTF and MSI Project Zero. These motherboards route power and data cables to the rear chamber, resulting in a cleaner, cable-free view of your system's primary components.

REVERSE CONNECTOR MOTHERBOARDS

Compatible with ASUS BTF and MSI Project Zero motherboards, resulting in a cable-free view of your PC.



Image: A detailed view of a reverse connector motherboard installed, showing how cables are routed behind the motherboard tray.

3. Storage Drive Installation

The 2500X features tool-free drive mounts for convenient installation of up to two 3.5-inch hard drives or two 2.5-inch solid-state drives. These mounts are typically located within the rear chamber, contributing to the clean aesthetic of the main display area. Consult the case's internal structure for precise mounting locations and mechanisms.

4. Cooling System Installation

The case offers extensive cooling options to maintain optimal component temperatures. It supports up to nine 120mm fans or four 140mm fans. Versatile radiator mounting positions are available:

- **Roof:** Supports radiators up to 360mm.
- **Bottom:** Supports radiators up to 360mm.
- **Side:** Supports radiators up to 240mm.

Ensure proper fan orientation (intake vs. exhaust) for effective airflow and heat dissipation.

GREAT COOLING

Mesh side, bottom, and roof paneling keep your components cool with enough airflow for any flagship build.

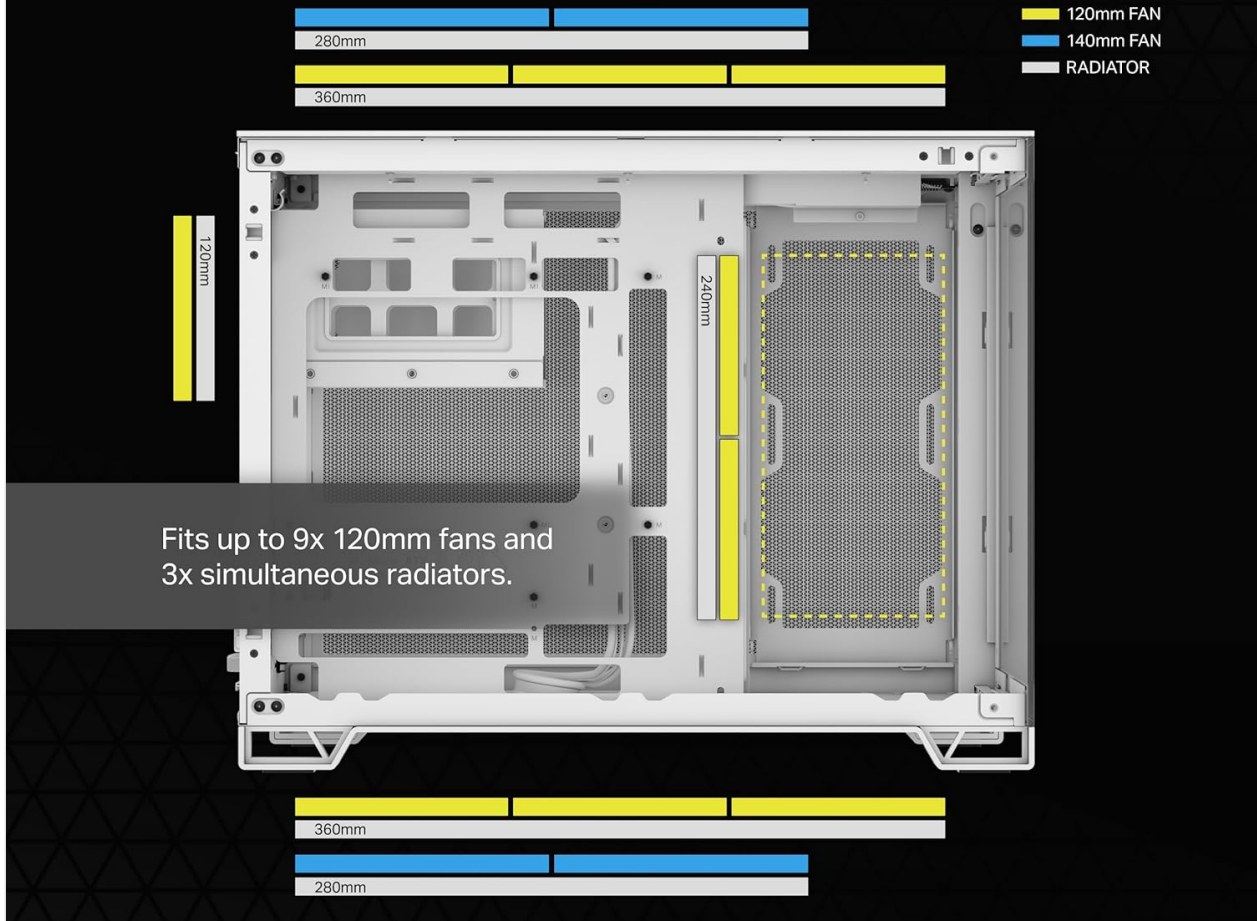


Image: A top-down diagram illustrating the various fan and radiator sizes and locations supported within the CORSAIR 2500X case.

5. Power Supply and Cable Management

Install the power supply unit (PSU) in its dedicated compartment within the rear chamber. Utilize the generous space and integrated routing options in this chamber to neatly manage all power and data cables. This keeps the main component chamber clear of obstructions, enhancing both aesthetics and airflow.

6. Graphics Card Installation

The CORSAIR 2500X case is designed to accommodate graphics cards up to 400mm in length. Install your graphics card into the appropriate PCIe slot on the motherboard. An optional vertical GPU mount is available (sold separately) for users who prefer a vertical display of their graphics card, though this may occupy other PCIe slots.

MAKE THE MOST OF YOUR BUILD

The 2500X has all the room you need for performance components in a smaller footprint.



Image: A perspective view of the CORSAIR 2500X case with key dimensions and the maximum supported graphics card length highlighted.

OPERATION AND CONNECTIVITY

Front Panel I/O

The front panel of the CORSAIR 2500X provides convenient access to essential ports and controls for daily use:

- **Power Button:** Used to turn the system on or off.
- **Reset Button:** Used to restart the system.
- **2x USB 3.2 Gen 1 Type-A Ports:** For connecting standard USB devices such as keyboards, mice, or external drives.
- **1x USB 3.2 Gen 2 Type-C Port:** Offers high-speed connectivity for modern USB-C devices.
- **1x 3.5mm Combo Audio Jack:** For connecting headphones that include a microphone.

FRONT PANEL I/O

The modern connections you need.

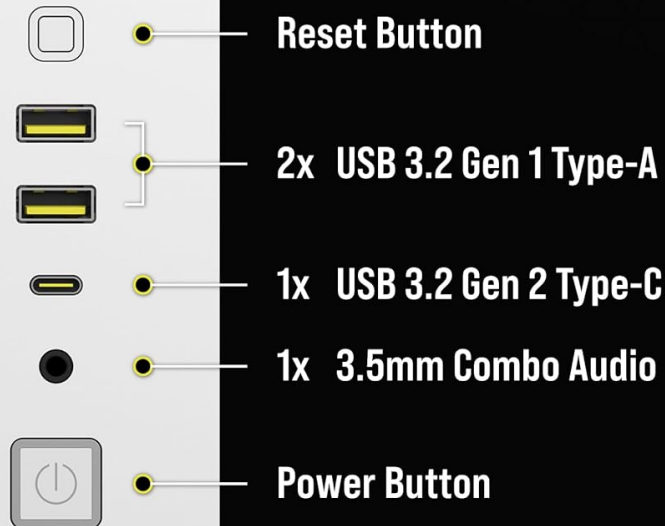


Image: A detailed diagram labeling each port and button on the front panel of the CORSAIR 2500X case.

MAINTENANCE

Cleaning the Case

Regular cleaning is essential to maintain both the optimal performance and aesthetic appeal of your PC case. For the tempered glass panels, use a soft, lint-free cloth and a glass cleaner (avoiding abrasive materials). For mesh panels and interior surfaces, use compressed air to effectively remove accumulated dust. Always ensure the system is powered off and unplugged from the wall outlet before performing any cleaning.

Dust Filter Maintenance

The CORSAIR 2500X case includes removable dust filters, typically located at intake fan positions. These filters prevent dust from entering the system. Periodically remove and clean these filters. They can be cleaned with water and a mild soap solution, or by gently brushing off accumulated dust. Ensure the filters are completely dry before reinstallation to prevent moisture damage to components.

TROUBLESHOOTING

This section addresses common issues you might encounter with your PC case. For more complex problems, refer to the Corsair support website or contact customer service.

- **System Not Powering On:** Verify that all power connections (24-pin motherboard, CPU, GPU, and front panel headers) are securely seated. Confirm that the power supply unit's switch is in the 'on' position and that the power cable is firmly connected to both the PSU and the wall outlet.
- **Poor Airflow or High Component Temperatures:** Ensure all installed fans are oriented correctly for optimal intake and exhaust. Clean any dust filters that may be clogged. Check for any internal cables or components that might be obstructing airflow paths.
- **Front Panel Ports Not Functioning:** Confirm that the front panel I/O cables (USB, audio, power/reset switches) are correctly and securely connected to the corresponding headers on your motherboard.
- **Component Fit Issues:** Double-check the dimensions of your components (e.g., CPU cooler height, GPU length) against the case specifications. Ensure that all motherboard standoffs are correctly installed and aligned for your Micro ATX motherboard.

SPECIFICATIONS

Feature	Detail
Model Name	2500X
Model Number	CC-9011266-WW
Case Type	Micro ATX Small-Tower
Motherboard Compatibility	Micro ATX
Dimensions (LxWxH)	18.86 x 11.97 x 14.8 inches (479mm x 304mm x 376mm)
Item Weight	26.1 pounds
Material	Tempered Glass
Color	White
Max GPU Length	400mm
Fan Support	Up to 9x 120mm or 4x 140mm
Radiator Support	Roof: up to 360mm, Bottom: up to 360mm, Side: up to 240mm
Drive Bays	2x 3.5in, 2x 2.5in
Front I/O	1x USB 3.2 Gen 2 Type-C, 2x USB 3.2 Gen 1 Type-A, 1x 3.5mm Combo Audio, Power, Reset
Cooling Method	Air
Power Supply Mounting Type	Bottom Mount

WARRANTY AND SUPPORT

Corsair products are backed by a limited warranty. For comprehensive details regarding warranty terms, conditions, and duration, please visit the official Corsair website. For technical assistance, access to driver downloads, firmware updates, and frequently asked questions, please visit the Corsair support portal at www.corsair.com/support.

Additional resources, community forums, and contact information for customer service can also be found on the Corsair website.