

## PCCOOLER C3T700

# PCCOOLER C3T700 ATX Mid Tower PC Case Instruction Manual

Model: C3T700

## 1. PRODUCT OVERVIEW

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The PCCOOLER C3T700 is an ATX Mid Tower PC case designed for high airflow and broad component compatibility. It features tempered glass panels and a mesh front for optimal cooling and aesthetic appeal. This case supports various motherboard form factors and offers flexible options for cooling and storage.



Image 1.1: Front and side view of the PCCOOLER C3T700 ATX Mid Tower PC Case, showcasing its tempered glass and mesh design.

### Key Features:

- **Tempered Glass & High-Airflow Design:** Premium tempered glass side panel and ventilated mesh front for balanced aesthetics and cooling.
- **Extensive Fan & Radiator Support:** Accommodates up to 3x 120mm or 3x 140mm fans in the front, 3x 120mm or 2x 140mm fans on the top, and a 120mm rear fan. Radiator support up to 360mm in front/top.
- **Spacious Component Clearance:** Fits graphics cards up to 420mm and CPU coolers up to 170mm in height.

- **Optimized Cable Management:** Features a PSU shroud, multiple routing holes, and Velcro straps for a tidy build and improved internal airflow.
- **ARGB Sync Ready:** Includes an ARGB control button and supports synchronization with major motherboard RGB software (fans sold separately).
- **Tool-Free Design:** Side panel removal is tool-free for easy building and upgrades.

## 2. SETUP AND INSTALLATION

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Follow these steps for proper installation of components into your PCCOOLER C3T700 PC case.

### 2.1 Removing Side Panels

The tempered glass side panel features a clip-on quick-release design. Gently pull the panel to detach it from the chassis. This allows for fast removal without screws, making installation and maintenance quicker.



Image 2.1: Illustration of the clip-on quick-release mechanism for the tempered glass side panel.

### 2.2 Motherboard Installation

The C3T700 case supports E-ATX, ATX, Micro-ATX, and ITX motherboard form factors. It also features BTF (Back-To-the-Future) motherboard support, which helps reduce visible cables for a cleaner build. Install your motherboard onto the pre-installed standoffs. Ensure all screws are tightened securely.



Image 2.2: Internal view of the case highlighting BTF motherboard support and cable routing options.

### 2.3 Graphics Card (GPU) and CPU Cooler Installation

The case provides ample space for high-performance components. Install your graphics card, ensuring it fits within the 420mm length clearance. For CPU coolers, ensure the height does not exceed 170mm.

## BTF Motherboard Support

Compatible with ATX/M-ATX BTF motherboards, significantly reducing visible cables and providing a cleaner, more comfortable visual experience.



Image 2.3: Diagram illustrating motherboard form factor compatibility (ITX, M-ATX, ATX), CPU cooler height limit (175mm), and storage drive mounting locations.

## 2.4 Fan and Radiator Placement

The C3T700 supports extensive cooling configurations:

- **Front:** Up to 3x 120mm or 3x 140mm fans.
- **Top:** Up to 3x 120mm or 2x 140mm fans.
- **Rear:** 1x 120mm fan.
- **Side:** Up to 3x 120mm or 2x 140mm fans.
- **Bottom:** Up to 3x 120mm or 2x 140mm fans.

Radiator support includes up to 360mm on the front and top panels, and 240mm on the side panel.

## Panoramic Window, Unbounded View 270° Unobstructed Panoramic View

Dual high-transparency tempered glass panels with a 270° unobstructed panoramic view, showcasing internal component details, enhancing an immersive gaming experience.



Image 2.4: Diagram showing various fan mounting locations and sizes for optimal airflow within the case.



Image 2.5: Diagram illustrating radiator support for top, side, and bottom panels, including sizes like 240mm, 280mm, and 360mm.

## 2.5 Storage Drive Installation

The case supports 2x 3.5" HDDs and 2x 2.5" SSDs. Mount your storage drives in the designated locations, typically behind the motherboard tray or in the PSU shroud area.

## 2.6 Cable Management

Utilize the PSU shroud, multiple routing holes, and included Velcro straps to manage cables effectively. Proper cable management improves airflow and maintains a clean internal appearance.



Image 2.6: Illustration showing the removable magnetic dust filters and the ample space behind the motherboard tray for cable management (90mm depth).

## 2.7 Connecting Front I/O Ports

Connect the front panel I/O cables to your motherboard. The C3T700 features:

- 1x Type-C port
- 1x USB 3.0 port
- 1x USB 2.0 port
- Mic & Audio jacks
- Power button
- Reset button

## Dual 360mm Water Cooling Support

Top Cover:240/280/360mm  
Side Panel:240mm  
Bottom Panel:240/280/360mm

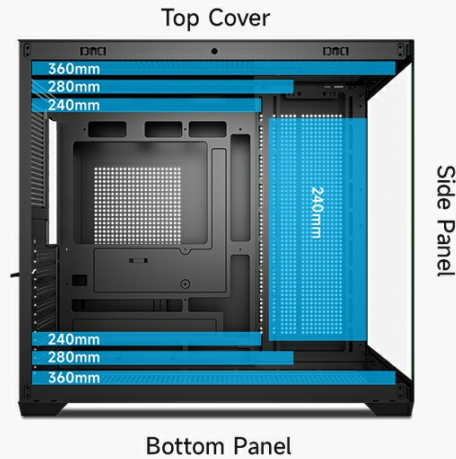


Image 2.7: Close-up view of the top-mounted I/O panel, detailing the Type-C, USB 3.0, USB 2.0, Mic & Audio ports, and power/reset buttons.

## 3. OPERATING INSTRUCTIONS

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Once all components are installed and connected, replace the side panels. Connect your peripherals and power cable. Press the power button on the front I/O panel to start your system.

### 3.1 ARGB Lighting Control

If you have installed ARGB fans or other compatible ARGB components (sold separately), use the integrated ARGB control button on the front I/O panel to cycle through lighting effects. For advanced customization, connect your ARGB components to a compatible motherboard and use its dedicated RGB software for unified lighting control.

## 4. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your PC case and its components.

### 4.1 Dust Filter Cleaning

The C3T700 is equipped with dual-sided magnetic dust filters. Regularly remove and clean these filters to prevent dust buildup inside the case, which can hinder cooling performance. Gently wash the filters with water and mild soap, then allow them to dry completely before reattaching.

### 4.2 General Cleaning

Use a soft, dry cloth to wipe down the exterior of the case, including the tempered glass panels. Avoid abrasive cleaners or solvents that could damage the finish or glass.

## 5. TROUBLESHOOTING

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If you encounter issues with your PC build, consider the following common troubleshooting steps:

- **No Power:** Ensure all power supply cables are securely connected to the motherboard, GPU, and other components. Verify the power supply switch is in the 'ON' position.
- **No Display:** Check that your monitor is connected to the graphics card (not the motherboard's integrated graphics ports, unless you are using integrated graphics). Reseat the graphics card and RAM modules.
- **Overheating:** Confirm that all fans are spinning correctly and are oriented for proper airflow (intake/exhaust). Ensure CPU cooler is properly seated and making good contact with the CPU. Clean dust filters regularly.

- **ARGB Lighting Issues:** Verify ARGB cables are correctly connected to the motherboard or ARGB controller. If using motherboard software, ensure it is up-to-date and configured correctly.
- **Loose Connections:** Double-check all internal cables, including power, data, and front panel connectors, for secure connections.

For persistent issues, consult the manuals for your individual components (motherboard, GPU, PSU) or seek professional assistance.

## 6. SPECIFICATIONS

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Detailed specifications for the PCCOOLER C3T700 ATX Mid Tower PC Case.

Feature	Detail
Brand	PCCOOLER
Model	C3T700
Motherboard Support	E-ATX, ATX, Micro-ATX, ITX (BTF compatible)
Material	Metal, Tempered Glass
GPU Clearance	Up to 420mm
CPU Cooler Height	Up to 170mm
Fan Support (Front)	3x 120mm or 3x 140mm
Fan Support (Top)	3x 120mm or 2x 140mm
Fan Support (Rear)	1x 120mm
Fan Support (Side)	3x 120mm or 2x 140mm
Fan Support (Bottom)	3x 120mm or 2x 140mm
Radiator Support (Front/Top)	Up to 360mm
Radiator Support (Side)	Up to 240mm
Storage Bays	2x 3.5" HDD, 2x 2.5" SSD
Front I/O	1x Type-C, 1x USB 3.0, 1x USB 2.0, Mic & Audio, Power, Reset

# Specifications

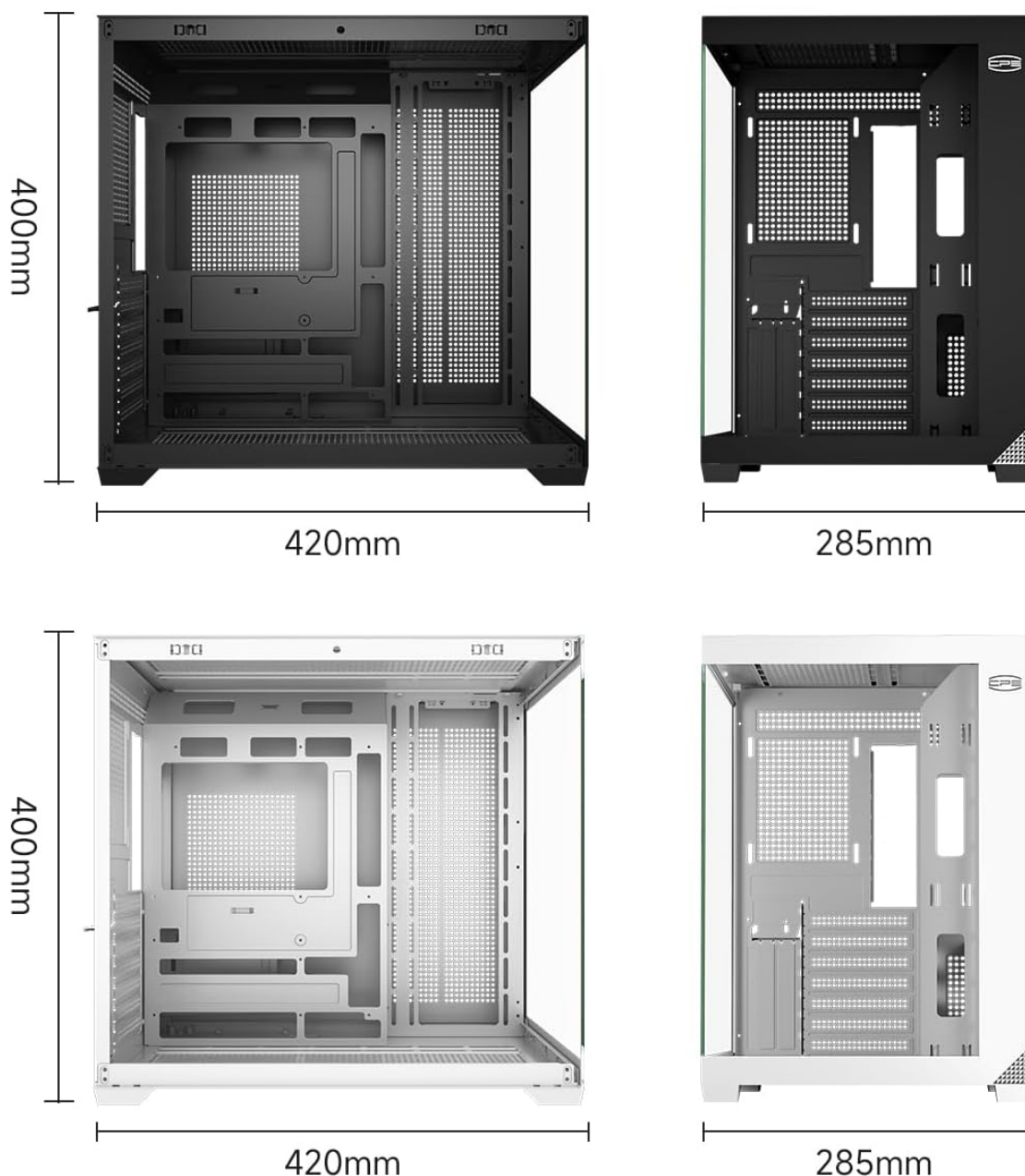


Image 6.1: Dimensional drawing of the PCCOOLER C3T700 case, showing measurements of 420mm (length), 285mm (width), and 400mm (height).

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The PCCOOLER C3T700 PC Case comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets specified quality standards. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact PCCOOLER customer support through their official website or the retailer where the product was purchased. Provide your product model number (C3T700) and a detailed description of the issue to expedite support.

