

## Sharkoon CA300T

# Sharkoon CA300T ATX PC Case Instruction Manual

Model: CA300T

## 1. INTRODUCTION

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Thank you for choosing the Sharkoon CA300T ATX PC Case. This full tower case is designed for high-performance gaming systems, offering extensive compatibility, efficient cooling, and advanced cable management features. This manual provides essential information for the proper setup, operation, and maintenance of your new PC case.

## 2. SAFETY INFORMATION

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- Always disconnect the power supply from the wall outlet before installing or removing any components inside the PC case.
- Handle components with care to avoid damage from electrostatic discharge. Consider using an anti-static wrist strap.
- Keep small parts and packaging materials away from children.
- Avoid placing the PC case in direct sunlight, near heat sources, or in environments with high humidity.
- Do not attempt to modify the case structure, as this may void your warranty and cause damage.

## 3. PACKAGE CONTENTS

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Please check the package contents to ensure all items are present:

- Sharkoon CA300T ATX PC Case
- Accessory box (screws, cable ties, standoffs, etc.)
- RGB lighting controller (if applicable)

- Instruction Manual (this document)

## 4. PRODUCT OVERVIEW AND FEATURES

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The Sharkoon CA300T is a premium full tower ATX PC case designed for enthusiasts. It features a modern design with robust construction, tempered glass panels, and advanced cooling options.

### Key Features:

- **Full Tower Design:** Ample space for high-end components and custom liquid cooling solutions.
- **Tempered Glass Panels:** Side panels made of tempered glass for a clear view of internal components.
- **RGB Lighting:** Integrated RGB lighting for customizable aesthetics.
- **Optimized Airflow:** Includes three 120mm fans and supports multiple radiators for superior cooling.
- **Advanced Cable Management:** Features an openable cable pocket/channel and ample routing options for a clean build.
- **Dust Filters:** Three-layer top plate with a dust filter to maintain system cleanliness.
- **Extensive Connectivity:** Front panel includes 2x USB 3.0 ports and additional USB ports.





Figure 4.1: Front view of the Sharkoon CA300T PC case, showcasing the illuminated RGB fans behind the mesh panel.



Figure 4.2: Angled view of the Sharkoon CA300T PC case, showing the tempered glass side panel and the vibrant RGB lighting from the interior.

## 5. SETUP

### 5.1 Unpacking

1. Carefully remove the PC case from its packaging.

2. Inspect the case for any signs of damage during transit. Contact your retailer if any damage is found.
3. Locate the accessory box inside the case, which contains screws and other installation hardware.

## 5.2 Removing Side Panels

The Sharkoon CA300T features tempered glass side panels for easy access to components.

1. Locate the two screws on the rear of the case securing the side panel.
2. Unscrew these two screws.
3. Gently pull the panel upwards and away from the case to remove it. Repeat for the other side if necessary.



Figure 5.1: Interior view of the Sharkoon CA300T PC case, showing the main compartment with the left tempered glass panel removed, ready for component installation.



Figure 5.2: Interior view of the Sharkoon CA300T PC case with the left side panel completely removed, exposing the motherboard tray and various mounting points.

### 5.3 Motherboard Installation

1. Install the necessary standoffs onto the motherboard tray according to your ATX motherboard's screw holes.
2. Carefully place your ATX motherboard onto the standoffs, aligning the screw holes.
3. Secure the motherboard with the provided screws.

### 5.4 Power Supply Unit (PSU) Installation

The CA300T supports bottom-mounted power supplies.

1. Slide the PSU into its designated compartment at the bottom rear of the case.
2. Secure the PSU to the case with screws from the rear.

### 5.5 Drive Installation

The case provides internal bays for 3.5-inch and 2.5-inch drives.

1. Locate the drive cages or mounting points for your 3.5-inch or 2.5-inch drives.
2. Mount your drives using the appropriate screws or tool-less mechanisms.

## 5.6 Graphics Card and Expansion Card Installation

The case offers multiple expansion slots and supports vertical GPU mounting.

1. Remove the necessary expansion slot covers from the rear of the case.
2. Insert your graphics card or other expansion cards into the PCIe slots on your motherboard.
3. Secure the cards with screws. For vertical GPU mounting, an additional riser cable (not included) is required.





Figure 5.3: Rear view of the Sharkoon CA300T PC case, illustrating the expansion slots, rear fan mount, and PSU opening.

## 5.7 Cable Management

Utilize the cable routing channels and tie-down points behind the motherboard tray to organize cables for improved airflow and aesthetics.



Figure 5.4: Rear interior view of the Sharkoon CA300T PC case, highlighting the dedicated cable management area behind the motherboard tray.

## 6. OPERATING

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### 6.1 Power On/Off

After all components are installed and cables are connected, press the power button on the front panel to turn on your system. Press it again to turn off, or use your operating system's shutdown function.

### 6.2 RGB Lighting Control

The integrated RGB lighting can be controlled via the dedicated RGB controller (if included) or through compatible motherboard software, depending on how the RGB components are connected. Refer to your motherboard manual for software control options.

## 7. MAINTENANCE

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## 7.1 Cleaning Dust Filters

The Sharkoon CA300T features a three-layer top plate with a dust filter. Regularly clean all dust filters to maintain optimal airflow and cooling performance.

1. Turn off and unplug your PC.
2. Carefully remove the dust filters (e.g., from the top, front, and bottom).
3. Clean the filters using compressed air or by gently washing them with water. Ensure they are completely dry before reinstallation.

## 7.2 General Care

- Wipe the exterior of the case with a soft, damp cloth. Avoid abrasive cleaners.
- Ensure all cables are securely connected and not obstructing airflow.

## 8. TROUBLESHOOTING

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

- **No Power:** Ensure the power supply is properly connected to the wall outlet and the motherboard. Check all power cables (24-pin, CPU, GPU).
- **Fans Not Spinning:** Verify that all fan headers are correctly connected to the motherboard or fan controller. Check BIOS settings for fan control.
- **No Display:** Confirm that your monitor is connected to the graphics card (not the motherboard's integrated graphics, unless intended). Reseat the graphics card and RAM modules.
- **RGB Not Working:** Check RGB cable connections to the motherboard or controller. Ensure any necessary software is installed and configured.
- **Overheating:** Ensure all fans are spinning correctly and dust filters are clean. Verify proper thermal paste application on the CPU cooler.

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

## 9. SPECIFICATIONS

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Feature	Specification
Brand	Sharkoon
Model Name	CA300T
Case Type	Full Tower
Motherboard Compatibility	ATX
Recommended Use	Gaming
Color	Black
Material	Metal
Power Supply Mount Type	Bottom Mount
Cooling Method	Air
Fan Size	120 mm
Number of Fans	3
Total Expansion Slots	4
Total USB 3.0 Ports	2
Total USB Ports	3
Special Features	RGB Lighting, Openable Cable Pocket, Three-layer Top Plate with Dust Filter
HDD Bay Size	3.5 Inches
Number of Internal Bays	4
Compatible Devices	ATX Motherboards, 3.5-inch Hard Drives
Light Color	RGB
Item Weight	14.7 Kilograms

## 10. WARRANTY

The Sharkoon CA300T PC Case comes with a **2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

## 11. SUPPORT

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For technical support, warranty inquiries, or further assistance, please visit the official Sharkoon website or contact their customer service department. You may find contact information and FAQs on their support pages. Official Website: [www.sharkoon.com](http://www.sharkoon.com)

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