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› [Sharkoon](#) /

› [SHARKOON Elite Shark CA300T Extended ATX PC Case User Manual - White](#)

Sharkoon CA300T

SHARKOON Elite Shark CA300T Extended ATX PC Case User Manual

Model: CA300T | Brand: Sharkoon

1. INTRODUCTION

This manual provides comprehensive instructions for the SHARKOON Elite Shark CA300T Extended ATX PC Case. It covers the product's features, setup procedures, operational guidelines, maintenance tips, troubleshooting solutions, and detailed technical specifications. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your PC case.

2. KEY FEATURES

- Futuristic Design:** The CA300T features an expressive front panel with a geometric pattern, framed by brushed aluminum, giving it a distinctive and modern aesthetic.
- Advanced Airflow:** Equipped with three pre-installed 120mm RGB LED fans at the front and one at the rear, ensuring consistent airflow. The front panel includes a mesh grille for optimal ventilation, and the top panel offers a perforated cover for additional fan/radiator mounting.
- Illuminated I/O Panel:** The side-mounted I/O panel includes standard audio ports, USB 3.0 ports, and a USB-C port, all featuring their own RGB illumination.
- Tempered Glass Panels:** Two tempered glass side panels provide a clear view of internal components. The right-side panel is partially tinted to conceal the power supply tunnel while highlighting SSDs or HDDs.
- Spacious Interior:** Designed to accommodate large components, including graphics cards up to 42.5 cm, power supplies up to 24 cm, and CPU coolers up to 16.5 cm.
- Efficient Cable Management:** Features a spacious, foldable cable compartment and a sliding cable cover to keep wiring organized and out of sight.
- Storage Options:** Supports up to seven 2.5-inch drives or four 3.5-inch drives.

3. PACKAGE CONTENTS

The SHARKOON Elite Shark CA300T PC Case package typically includes:

- SHARKOON Elite Shark CA300T PC Case (White)

- Pre-installed 120mm RGB LED Fans (3x Front, 1x Rear)
- Accessory Box (screws, cable ties, standoffs, etc.)
- User Manual (this document)

Note: Specific contents may vary slightly. Please check the packaging for a complete list.

4. SETUP INSTRUCTIONS

Follow these steps to set up your SHARKOON Elite Shark CA300T PC case and install your components.

4.1. Preparing the Case

1. **Unpack the Case:** Carefully remove the PC case from its packaging.
2. **Remove Side Panels:** Unscrew the thumbscrews on the rear of the case for both tempered glass side panels. Gently slide and lift the panels to remove them. Place them on a soft, flat surface to prevent scratches.
3. **Accessory Box:** Locate the accessory box inside the case, which contains all necessary screws and mounting hardware.

4.2. Motherboard Installation

1. **Install Standoffs:** Ensure the correct standoffs are installed for your motherboard form factor (ATX, SSI EEB). The case typically has pre-installed standoffs for standard ATX.
2. **Install I/O Shield:** If your motherboard requires an external I/O shield, install it into the rear opening of the case before mounting the motherboard.
3. **Mount Motherboard:** Carefully place your motherboard onto the standoffs, aligning the screw holes. Secure the motherboard with the provided screws.

4.3. Power Supply Unit (PSU) Installation

1. **Position PSU:** The PSU mounts at the rear bottom of the case. Slide your PSU into the designated compartment from the rear.
2. **Secure PSU:** Align the PSU with the screw holes and secure it with the provided screws from the rear of the case.
3. **Cable Management:** Route PSU cables through the cutouts to the back of the motherboard tray for organized cable management.

4.4. Storage Drive Installation

The CA300T supports various drive configurations:

- **2.5-inch Drives (SSDs):** Mount SSDs to the dedicated brackets behind the motherboard tray or within the PSU shroud.
- **3.5-inch Drives (HDDs):** Install HDDs into the drive cages located under the PSU shroud.

4.5. Graphics Card and Expansion Card Installation

1. **Remove Slot Covers:** Remove the necessary expansion slot covers from the rear of the case.
2. **Install Card:** Insert your graphics card or other expansion cards into the appropriate PCIe slots on the motherboard.
3. **Secure Card:** Secure the card with the provided screws.

4.6. Connecting Front Panel Cables

Connect the front panel cables (USB 3.0, USB-C, HD Audio, Power Switch, Reset Switch, Power LED, HDD LED) to their

corresponding headers on your motherboard. Refer to your motherboard manual for exact pin layouts.

4.7. Final Assembly

- 1. Cable Management:** Use the cable ties and routing channels to organize all internal cables behind the motherboard tray.
- 2. Reattach Side Panels:** Carefully reattach both tempered glass side panels and secure them with the thumbscrews.



Figure 1: Interior view of the CA300T, highlighting component space.

5. OPERATING INSTRUCTIONS

5.1. Powering On Your System

After all components are installed and cables are connected, plug your power supply into a wall outlet and flip the PSU's power switch to the 'ON' position. Press the power button on the case's front I/O panel to start your computer.

5.2. RGB Lighting Control

The pre-installed RGB fans and illuminated I/O panel can be controlled via your motherboard's RGB software (if compatible) or a dedicated RGB controller if included with your motherboard or purchased separately. Refer to your motherboard manual for specific RGB header locations and software instructions.



Figure 2: The CA300T with its illuminated RGB fans and distinctive front panel.

6. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your PC components.

6.1. Dust Filter Cleaning

The CA300T includes magnetic dust filters. It is recommended to clean these filters every 1-3 months, depending on your environment, to maintain optimal airflow and prevent dust buildup inside the case.

1. **Locate Filters:** Identify the dust filters on the top, front, and bottom of the case.
2. **Remove Filters:** Gently pull or slide out the magnetic dust filters.
3. **Clean Filters:** Use a soft brush, vacuum cleaner, or rinse with water (ensure completely dry before reinstallation) to remove accumulated dust.
4. **Reinstall Filters:** Place the clean filters back into their respective positions.

6.2. General Cleaning

For external surfaces, use a soft, damp cloth to wipe down the case. Avoid abrasive cleaners or solvents that could damage the finish or tempered glass.



Figure 3: Top view of the CA300T, showing the perforated top panel.

7. TROUBLESHOOTING

This section addresses common issues you might encounter during setup or operation.

7.1. System Does Not Power On

- **Check PSU:** Ensure the power supply unit is properly connected to the wall outlet and the PSU's power switch is in the 'ON' position.
- **Front Panel Connections:** Verify that the power switch cable from the case's front panel is correctly connected to the motherboard's power header.
- **Internal Power Cables:** Confirm that all necessary power cables (24-pin ATX, CPU 8-pin, GPU PCIe) are securely connected to the motherboard and components.

7.2. Fans Not Spinning / RGB Not Lighting Up

- **Fan Connections:** Ensure all fan power cables are securely connected to the motherboard's fan headers or a fan controller.
- **RGB Connections:** Verify that RGB cables are correctly connected to the motherboard's RGB headers or a dedicated RGB controller.
- **Software/Controller:** Check your motherboard's BIOS/UEFI settings or RGB software to ensure fans and RGB lighting are enabled and configured correctly.

7.3. USB Ports Not Functioning

- **Internal USB Headers:** Confirm that the internal USB 3.0 and USB-C cables from the case's front panel are securely connected to the corresponding headers on your motherboard.
- **Motherboard Drivers:** Ensure all necessary motherboard chipset and USB drivers are installed.

8. TECHNICAL SPECIFICATIONS

Brand	Sharkoon
Model Name	CA300T
Color	White
Case Type	Extended ATX Tower
Material	Metal, Tempered Glass
Motherboard Compatibility	ATX, SSI EEB
PSU Mounting	Rear Mount
Cooling Method	Air
Pre-installed Fans	4x 120mm RGB LED Fans (3x Front, 1x Rear)
Front I/O Ports	USB 3.0 (x2), USB-C (x1), Audio In/Out
Max. GPU Length	42.5 cm
Max. CPU Cooler Height	16.5 cm
Max. PSU Length	24 cm
Drive Bays	Up to 7x 2.5" or 4x 3.5"

9. WARRANTY AND SUPPORT

9.1. Product Warranty

The SHARKOON Elite Shark CA300T PC Case comes with a **2-year warranty** on spare parts. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2. Software Updates

Software updates, if applicable for any integrated components or controllers, are guaranteed until **April 13, 2030**.

9.3. Customer Support

For technical assistance, warranty claims, or further inquiries, please contact Sharkoon customer support through their official website or the retailer where the product was purchased. Have your product model and proof of purchase ready when contacting support.

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Product manufactured in China.