

aigo C285

Aigo DarkFlash C285 Gaming Case User Manual

Model: C285 | Brand: aigo

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Aigo DarkFlash C285 Gaming Case. Designed for enthusiasts, this mid-tower chassis features a spacious interior, excellent cooling support, and a tempered glass side panel to showcase your build. Please read this manual thoroughly before beginning assembly to ensure proper installation and safe operation.

PRODUCT FEATURES

The Aigo DarkFlash C285 is engineered to provide a premium building experience with robust features:

- **Mid-Tower Form Factor:** Compatible with ATX, M-ATX, and M-ITX motherboards.
- **Tempered Glass Side Panel:** Offers a clear view of internal components.
- **Optimized Airflow:** Extensive fan and radiator support for superior cooling performance.
- **Ample Storage Options:** Dedicated bays for HDDs and SSDs.
- **Convenient Front I/O:** Easy access to USB 3.0, USB 2.0, and HD Audio ports.
- **Spacious Interior:** Accommodates long graphics cards (up to 410mm) and tall CPU coolers (up to 160mm).
- **Durable Construction:** Made from steel alloy and tempered glass for longevity.



Figure 1: Angled view of the Aigo DarkFlash C285 Gaming Case, highlighting its white finish and tempered glass side and front panels.

PACKAGE CONTENTS

Please verify that all items are present in the package:

- Aigo DarkFlash C285 Gaming Case
- Accessory Box (screws, standoffs, cable ties)
- User Manual (this document)

SETUP GUIDE

Follow these steps to assemble your computer components within the Aigo DarkFlash C285 case.

1. Preparation

- Ensure you have a clean, static-free workspace.

- Gather necessary tools: Phillips head screwdriver, cable ties (some included).
- Unpack the case and place it on a stable surface.

2. Removing Side Panels

The tempered glass side panel is secured with four thumb screws. Carefully unscrew them and gently pull the panel away from the chassis. Repeat for the steel side panel on the opposite side if necessary for cable management access.



Figure 2: Interior view of the case, illustrating the spacious layout for component installation.

3. Motherboard Installation

1. Install the I/O shield into the rear opening of the case.
2. Align your ATX, M-ATX, or M-ITX motherboard with the pre-installed standoffs. Ensure the standoffs match your motherboard's form factor.
3. Secure the motherboard with the provided screws. Do not overtighten.

4. Power Supply Unit (PSU) Installation

The PSU mounts in the dedicated compartment at the rear of the case. Slide the PSU into its bay and secure it with screws from the rear of the chassis.

5. Storage Drive Installation

- **3.5" HDD:** Locate the HDD cage. Slide the HDD into the bay and secure it with screws.
- **2.5" SSD:** Mount SSDs onto the designated brackets, typically found behind the motherboard tray or on the PSU shroud. Secure with screws.

6. Graphics Card (VGA) and Expansion Card Installation

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

7. Fan and Radiator Installation

The C285 supports various fan and radiator configurations:

- **Lateral:** Up to 3 x 120mm or 2 x 140mm fans.
- **Top:** Up to 3 x 120mm or 2 x 140mm fans, or 120/240/280/360mm radiators.
- **Bottom:** Up to 3 x 120mm fans.
- **Rear:** 1 x 120mm fan or 120mm radiator.
- **Front (Water Cooler):** Supports 120/240/280mm radiators.

Mount fans and radiators using the appropriate screws. Ensure correct airflow direction.



Figure 3: Top view of the case, detailing the mesh panel for fan/radiator mounting and the front I/O ports.

8. Cable Management

Utilize the cable routing cutouts and tie-down points behind the motherboard tray to organize cables. This improves airflow and aesthetics.



Figure 4: Rear interior view, showing the space available for cable management and drive mounting points.

9. Connecting Front I/O Cables

Connect the front panel cables (USB 3.0, USB 2.0, HD Audio, Power Switch, Reset Switch, Power LED, HDD LED) to the corresponding headers on your motherboard. Refer to your motherboard manual for exact pin layouts.

10. Closing the Case

Once all components are installed and cables are managed, carefully reattach the steel side panel and then the tempered glass side panel, securing them with the thumb screws.

OPERATING INSTRUCTIONS

After successful assembly, connect your peripherals (monitor, keyboard, mouse) and power cable to the PSU. Press the power button on the front panel to start your system.

- **Power Button:** Initiates system startup or shutdown.
- **Reset Button:** Restarts the system.
- **USB Ports:** For connecting external devices.
- **HD Audio Jacks:** For connecting headphones and microphones.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC components.

- **Dust Filters:** Periodically remove and clean the dust filters (top, bottom, front if applicable) to maintain good airflow. Use compressed air or a soft brush.
 - **Tempered Glass Panel:** Clean with a soft, lint-free cloth and a mild glass cleaner. Avoid abrasive materials.
 - **Interior Cleaning:** With the system powered off and unplugged, use compressed air to remove dust from inside the case, especially from fans and heatsinks.
-

TROUBLESHOOTING

If you encounter issues, consider the following common solutions:

- **System Does Not Power On:**
 - Ensure the power cable is securely connected to both the PSU and the wall outlet.
 - Check that the PSU switch is in the "ON" position.
 - Verify all power cables from the PSU are correctly connected to the motherboard and components.
 - Confirm the front panel power switch cable is correctly connected to the motherboard header.
- **No Display Output:**
 - Ensure your monitor is connected to the graphics card (not the motherboard I/O, unless using integrated graphics).
 - Reseat the graphics card in its PCIe slot.
 - Check monitor input source settings.
- **Fans Not Spinning:**
 - Verify fan cables are properly connected to the motherboard or fan controller.
 - Check BIOS/UEFI settings for fan control.

For further assistance, please contact customer support.

SPECIFICATIONS

Model Name	C285
Brand	aigo
Form Factor	Mid Tower
Motherboard Compatibility	ATX, M-ATX, M-ITX

Material	Steel Alloy, Tempered Glass
Dimensions (L x W x H)	425 x 285 x 400 mm
Weight	7.71 kg
Expansion Slots	7
Drive Bays	1x 3.5" HDD, 2x 2.5" SSD
Front I/O Ports	1x USB 3.0, 2x USB 2.0, HD Audio (Mic/Headphone), Power, Reset
Max VGA Length	410 mm
Max CPU Cooler Height	160 mm
Fan Support (Max)	Lateral: 3x 120mm or 2x 140mm Top: 3x 120mm or 2x 140mm Bottom: 3x 120mm Rear: 1x 120mm
Radiator Support (Max)	Front: 120/240/280mm Top: 120/240/280/360mm Rear: 120mm

WARRANTY AND SUPPORT

The Aigo DarkFlash C285 Gaming Case comes with a **12-month warranty** from the date of purchase, covering manufacturing defects. This warranty does not cover damage caused by improper installation, misuse, accidents, modifications, or unauthorized repairs.

For technical support, warranty claims, or further inquiries, please contact your retailer or visit the official aigo website for contact information.