

aigo Aigo-Rainbow-Preto

Aigo Rainbow Gaming PC Case User Manual

Model: Aigo-Rainbow-Preto

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Aigo Rainbow Gaming PC Case. Please read this guide thoroughly before beginning the assembly process to ensure proper setup and to maximize the lifespan of your components.

PRODUCT OVERVIEW

The Aigo Rainbow Gaming PC Case is designed to house your computer components, offering compatibility with various motherboard form factors and cooling solutions. It features a durable construction with an acrylic side panel for component visibility and efficient airflow.

Key Features:

- **Form Factor:** ATX
- **Motherboard Support:** ATX, M-ATX, ITX
- **Front I/O Ports:** 1 x USB 3.0, 2 x USB 2.0, Audio Jacks
- **Panel Materials:** SPCC Front Panel, Acrylic Side Panel
- **Drive Bays:** 2 x 2.5" SSD/HDD, 2 x 3.5" HDD
- **Cooling Support:**
 - Rear Fan: 1 x 120mm (Fans not included)
 - Water Cooler: Rear 120mm, Side 120mm
- **Component Clearance:**
 - Maximum CPU Cooler Height: 160mm
 - Maximum GPU Length: 310mm
- **Lighting:** RGB (integrated into front panel design)



Figure 1: Front view of the Aigo Rainbow Gaming PC Case. This image displays the front panel with its brushed texture and the distinctive diagonal RGB lighting element.



Figure 2: Angled view of the Aigo Rainbow Gaming PC Case. This perspective highlights both the front panel design and the transparent acrylic side panel, allowing a view into the case interior.

SETUP INSTRUCTIONS

Follow these steps to assemble your computer components within the Aigo Rainbow PC Case.

1. Prepare the Case:

1. Place the case on a stable, flat surface.
2. Carefully remove the acrylic side panel by unscrewing the four thumb screws located at each corner.

3. Remove any internal packaging materials.



Figure 3: Side view of the Aigo Rainbow Gaming PC Case. This image shows the acrylic side panel, which can be removed for component installation.

2. Motherboard Installation:

1. Install the I/O shield into the rear opening of the case.
2. Align your ATX, M-ATX, or ITX motherboard with the standoffs inside the case.
3. Secure the motherboard with appropriate screws.

3. Power Supply Installation:

1. Mount your power supply unit (PSU) into the designated bay, typically at the bottom rear of the case.

2. Secure the PSU with screws from the rear of the case.

4. Drive Installation (HDD/SSD):

- For 3.5" HDDs: Locate the 3.5" drive bays and slide the drives into place, securing them with screws or tool-less mechanisms if available.
- For 2.5" SSDs/HDDs: Mount the 2.5" drives onto the dedicated mounting points, typically behind the motherboard tray or in specific drive cages, and secure with screws.

5. Graphics Card (GPU) Installation:

1. Remove the necessary PCIe slot covers from the rear of the case.
2. Insert your graphics card into the appropriate PCIe slot on the motherboard.
3. Secure the graphics card to the case with screws. Ensure the GPU length does not exceed 310mm.

6. Cooling System Installation (Fans/Water Cooler):

- **Fans:** Install 120mm fans in the rear position as needed. Note that fans are not included with this case.
- **Water Cooler:** If using a water cooler, install a 120mm radiator in the rear or side mounting positions.
- **CPU Cooler:** Ensure your CPU cooler height does not exceed 160mm.

7. Cable Management:

Route all power and data cables through the designated cutouts and tie-down points behind the motherboard tray to ensure clean aesthetics and optimal airflow.

8. Connect Front Panel Cables:

Connect the front panel cables (USB 3.0, USB 2.0, Audio, Power Switch, Reset Switch, HDD LED, Power LED) to their corresponding headers on your motherboard. Refer to your motherboard manual for specific header locations.

OPERATING INSTRUCTIONS

Once all components are installed and cables are connected, replace the side panel and secure it with the thumb screws. Connect your peripherals (monitor, keyboard, mouse) and power cable to the power supply. Press the power button on the front panel to start your system.

The integrated RGB lighting on the front panel will illuminate upon system power-on. Specific control over the RGB lighting, if available, will depend on your motherboard's RGB software or any integrated controller within the case (check for a dedicated button on the front I/O if applicable, though not specified for this model).

MAINTENANCE

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

- **Dust Cleaning:** Periodically clean dust filters (if present) and the interior of the case using compressed air or a soft brush. Ensure the system is powered off and unplugged before cleaning.
- **Panel Cleaning:** Wipe the acrylic side panel and front panel with a soft, damp cloth. Avoid abrasive cleaners that may scratch the acrylic.
- **Cable Management Check:** Occasionally check cable routing to ensure no cables are obstructing airflow or fan operation.

TROUBLESHOOTING

- **System Not Powering On:**

- Ensure the power supply is properly connected to the wall outlet and the PSU switch is in the 'ON' position.
- Verify all power cables from the PSU are correctly connected to the motherboard and components.
- Check that the front panel power switch cable is correctly connected to the motherboard header.

- **No Display Output:**

- Confirm your monitor is connected to the graphics card (GPU) output, not the motherboard's integrated graphics output (unless you are using integrated graphics).
- Reseat the graphics card in its PCIe slot.

- **Overheating Issues:**

- Ensure all installed fans are spinning correctly.
- Verify proper airflow direction (intake/exhaust).
- Clean any dust buildup from fans and filters.

SPECIFICATIONS

Feature	Detail
Brand	aigo
Model Name	Aigo-Rainbow-Preto
Case Form Factor	ATX
Motherboard Compatibility	ATX, M-ATX, ITX
Front I/O Ports	1 x USB 3.0, 2 x USB 2.0, Audio
Front Panel Material	SPCC
Side Panel Material	Acrylic
Drive Bays	2 x 2.5" (SSD/HDD), 2 x 3.5" (HDD)
Supported Fans (Rear)	1 x 120mm (Fans not included)
Supported Water Cooler	Rear: 120mm, Side: 120mm
Max CPU Cooler Height	160mm
Max GPU Length	310mm
Product Dimensions (H x D x W)	50 x 47 x 26 cm
Chassis Dimensions (L x W x H)	380 x 195 x 410 mm
Lighting	RGB (Front Panel)



Figure 4: Dimensions of the Aigo Rainbow Gaming PC Case. This diagram illustrates the overall measurements of the case.

WARRANTY AND SUPPORT

This Aigo Rainbow Gaming PC Case comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

For technical support or warranty claims, please contact your retailer or the manufacturer directly. Keep your proof of purchase for warranty validation.

Manufacturer: Aigo Darkflash

