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Okinos Aqua 7

Okinos Aqua 7 ATX Mid Tower PC Case User Manual

Model: Aqua 7 (OKICC-AQUA7-ATXW-H6WA)

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Okinos Aqua 7 ATX Mid Tower PC Case. Please read this manual thoroughly before proceeding with assembly or use to ensure proper functionality and safety.

Safety Information

- Always disconnect the power supply from the wall outlet before performing any installation, maintenance, or cleaning procedures.
- Handle tempered glass panels with care to prevent breakage.
- Ensure proper grounding of all components to prevent electrical hazards.
- Keep small parts and packaging materials away from children.
- Do not operate the PC case in excessively humid or dusty environments.

Package Contents

- Okinos Aqua 7 ATX Mid Tower PC Case
- 6 x 120mm PWM ARGB Fans (pre-installed)
- Accessory Box (screws, cable ties, etc.)
- User Manual

Product Overview

The Okinos Aqua 7 is an ATX mid-tower PC case designed for optimal airflow and aesthetic appeal. It features a panoramic tempered glass design, pre-installed ARGB fans, and a multi-functional I/O zone.

Figure 1: Okinos Aqua 7 ATX Mid Tower PC Case (White)

Key Features:

- **Panoramic Design:** Features fully glass-covered front and side panels for a 270° wide-angle view of internal components.
- **Optimized Airflow:** Synchronized dual-channel airflow design with pre-installed H12R PWM ARGB reverse fans (3 at PSU chamber, 2 at side) and 1 H12 PWM ARGB fan at the rear.
- **Exquisite Steel Mesh:** 1.2mm fine mesh design optimizes heat dissipation and provides dust resistance.
- **Multi-Functional Zone:** Includes power switch, ARGB fan control buttons, two USB 3.0 ports, audio jacks, and a Type-C 3.2 Gen 2 (10Gbps) interface.
- **Advanced Quick-Release Panels:** Front and side glass panels can be easily removed without screws, utilizing a secure rivet-mounted mechanism.
- **7-Slot PCIe Configuration:** Features 7 independent PCIe brackets, each secured with 7 screws for firm stability.
- **Removable Drive Tray & PSU Shock Absorbing:** User-friendly hard drive bays and EVA shock pads for the power supply.

Figure 2: Panoramic Design and Dimensions

Figure 3: Airflow Design

Figure 4: Exquisite Steel Mesh

Figure 5: Multi-Functional Zone

Setup and Installation

Follow these steps to install your components into the Okinos Aqua 7 PC case.

1. Preparing the Case

1. **Remove Side Panels:** Gently pull the quick-release tempered glass front and side panels to detach them from the case. This provides full access to the interior.
2. **Accessory Box:** Locate the accessory box inside the case, which contains all necessary screws and mounting hardware.

Figure 6: Quick-Release Panels

2. Motherboard Installation

3. **Install Standoffs:** Ensure the correct standoffs are installed for your motherboard size (ATX, MATX, or ITX).
4. **Mount Motherboard:** Carefully place your motherboard into the case, aligning it with the standoffs. Secure it with the provided screws.

3. Power Supply Unit (PSU) Installation

5. **Install PSU:** Slide the PSU into its designated compartment at the rear bottom of the case. Secure it with screws from the rear.
6. **EVA Shock Pads:** The PSU area is equipped with EVA shock pads to reduce vibrations.

Figure 7: Drive Tray and PSU Shock Absorbing

4. Drive Installation (HDD/SSD)

7. **HDD:** Utilize the easily removable drive tray located near the PSU chamber for 3.5-inch HDDs.
8. **SSD:** Mount 2.5-inch SSDs in the designated slots on the back of the motherboard tray.

5. Graphics Card (GPU) Installation

9. **Remove PCIe Brackets:** Unscrew and remove the necessary PCIe brackets for your graphics card. The case features 7 independent PCIe brackets.
10. **Install GPU:** Insert your graphics card into the appropriate PCIe slot on the motherboard and secure it with screws. The case supports GPUs up to 410mm in length (270mm if an AIO is installed on the side panel).

Figure 8: Graphics Card Compatibility

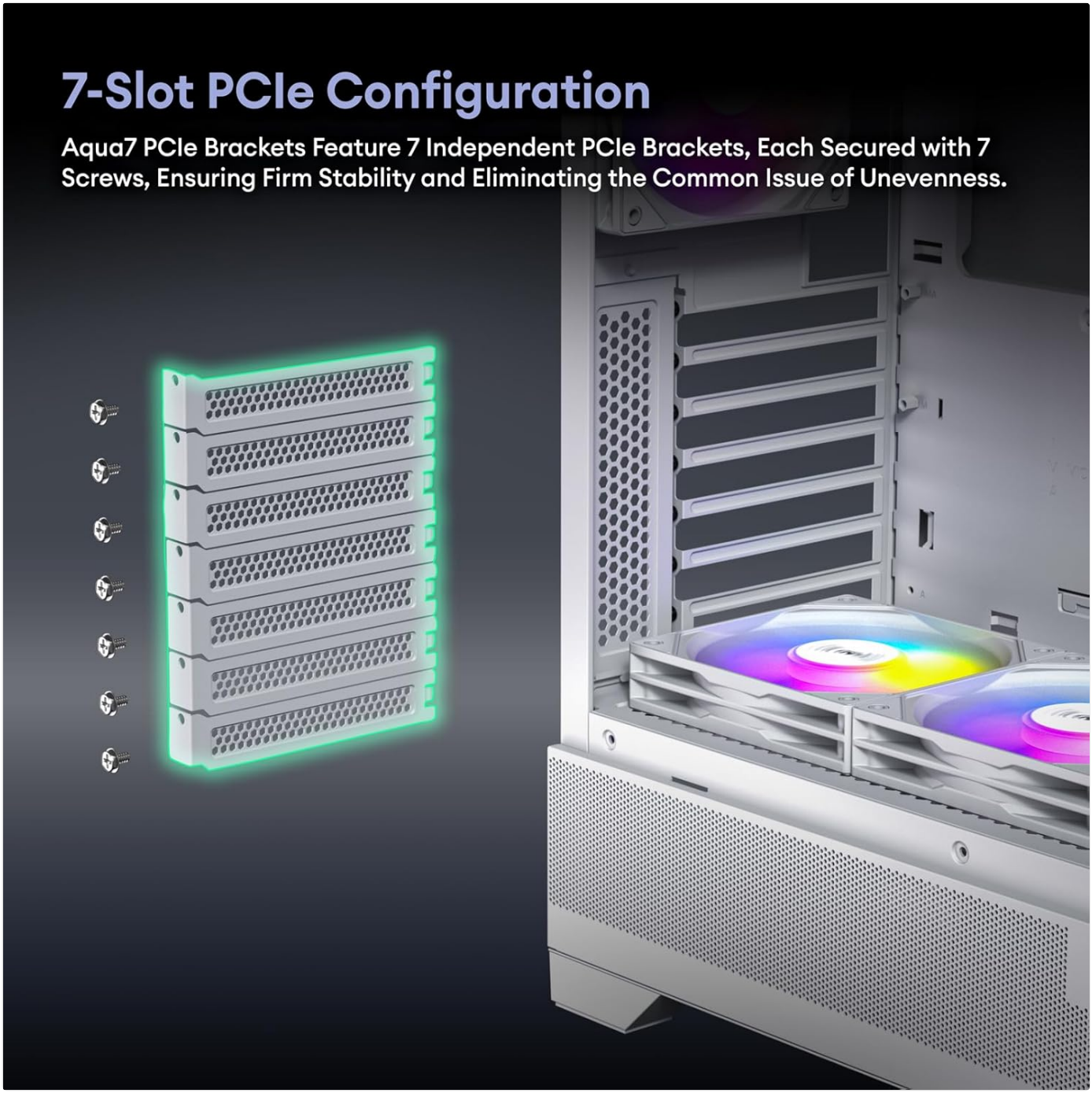

Figure 9: 7-Slot PCIe Configuration

6. Fan and Radiator Installation

11. **Pre-installed Fans:** The case comes with 6 x 120mm PWM ARGB fans pre-installed for optimal cooling.
12. **Additional Cooling:** The case can accommodate a 360mm radiator at the top and a 240mm radiator on the side simultaneously.
13. **PWM Header Connection:** To enable the PWM function for fan speed control, the controller's PWM connector **must** be plugged into the PWM header on the motherboard. Connecting it to the PUMP header will cause the fan to run at full speed.

Figure 10: Powerful Cooling and Fan Hub

Figure 11: Fan and Radiator Support

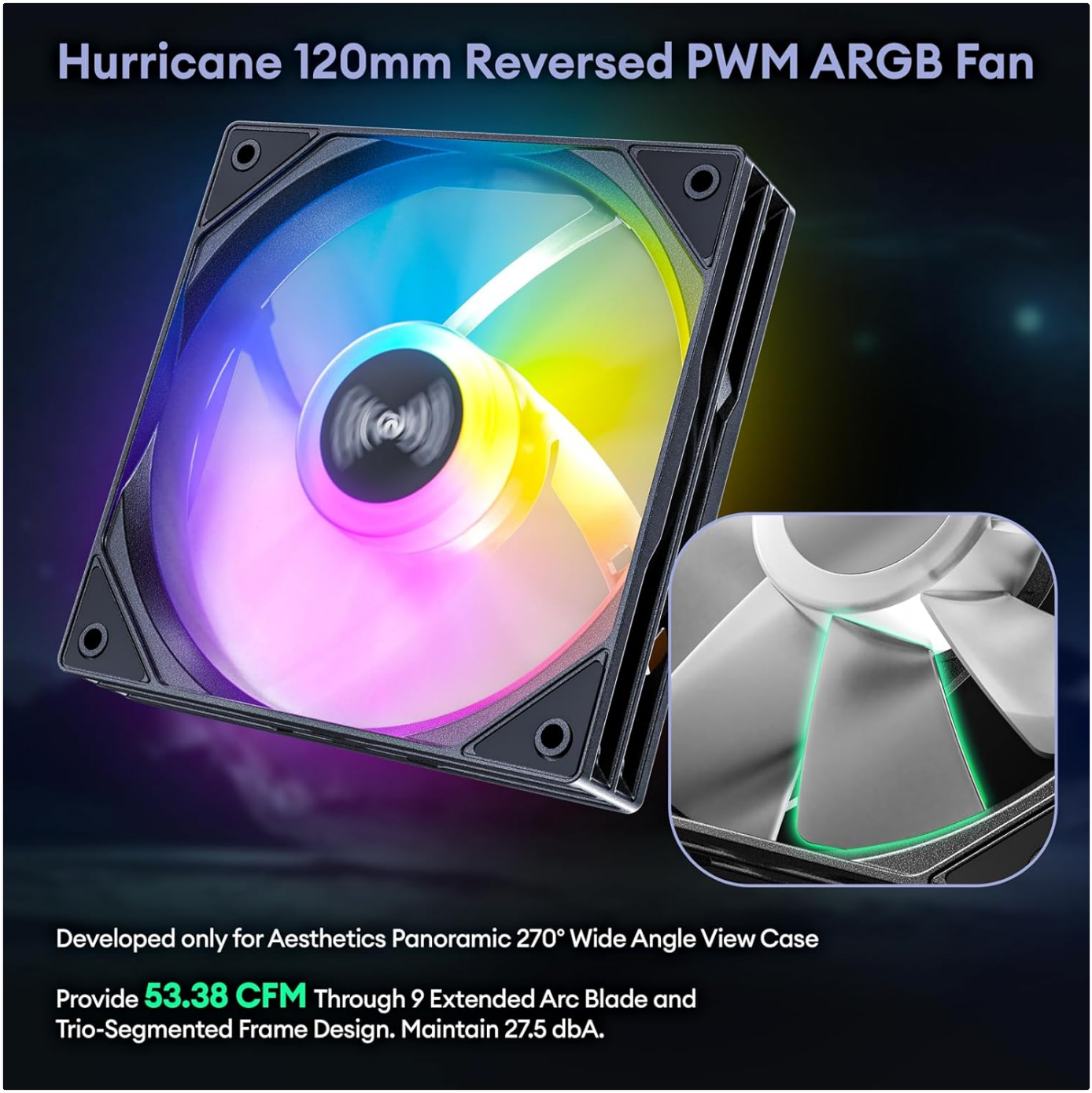

Figure 12: Hurricane 120mm Reversed PWM ARGB Fan

7. Cable Management

13. **Route Cables:** Utilize the cable routing cutouts and tie-down points behind the motherboard tray to manage cables neatly.
14. **Connect Front Panel Cables:** Connect the front panel connectors (USB, audio, power, reset, LED control) to the corresponding headers on your motherboard.

Operating Instructions

Once all components are installed and the case is closed, you can begin operating your PC.

Front Panel Controls:

- **Power Button:** Press to power on or off your system.
- **LED Control Button:** Press to cycle through various ARGB lighting modes for the pre-installed fans. Hold to turn off the lighting.

- **USB 3.0 Ports:** For high-speed data transfer. Note: USB ports are primarily for data transfer and not recommended for power-charging, as most motherboards USB ports support a maximum voltage of 5V.
- **Type-C 3.2 Gen 2 (10Gbps) Port:** For fast data transfer with compatible devices.
- **Audio Jacks:** For connecting headphones and microphones.

Maintenance

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

- **Dust Filters:** The case features a 1.2mm fine steel mesh design for dust resistance. Periodically clean the mesh panels to maintain optimal airflow.
- **Fan Cleaning:** Use compressed air to clean dust from the fan blades and heatsinks.
- **Exterior Cleaning:** Wipe the exterior surfaces, including the tempered glass panels, with a soft, damp cloth. Avoid abrasive cleaners.

Troubleshooting

If you encounter issues with your Okinos Aqua 7 PC case, refer to the following common problems and solutions.

- **Fans running at full speed:** Ensure the fan controller's PWM connector is plugged into the **PWM header** on your motherboard, not the PUMP header.
- **ARGB lighting not working:** Check all ARGB connections to the fan hub and ensure the hub is properly connected to the motherboard's ARGB header (if applicable) or powered correctly. Use the LED control button on the front panel to cycle modes.
- **USB ports not functioning:** Verify that the USB 3.0 and Type-C cables from the front panel are securely connected to the corresponding headers on your motherboard.
- **No power:** Confirm that the power supply is correctly installed and connected, and that the front panel power switch cable is properly connected to the motherboard.

Specifications

Feature	Specification
Model Name	Aqua 7
Item Model Number	OKICC-AQUA7-ATXW-H6WA
Dimensions (L x W x H)	17.17 x 8.27 x 19.13 inches (436mm x 210mm x 486mm)
Motherboard Compatibility	ATX / MATX / ITX
Case Type	Mid Tower
Material	Tempered Glass, Steel Mesh
Pre-installed Fans	6 x 120mm PWM ARGB Fans
Front I/O Ports	2 x USB 3.0, Audio Jacks, 1 x Type-C 3.2 Gen 2 (10Gbps), Power Button, LED Control Button
GPU Max Length	410mm (270mm with side AIO)

CPU Cooler Max Height	160mm
Radiator Support	Top: 360mm, Side: 240mm
Drive Bays	1 x 3.5" HDD, 2 x 2.5" SSD

Warranty and Support

For warranty information and technical support, please refer to the official Okinos website or contact their customer service department. Keep your proof of purchase for warranty claims.