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GIGABYTE GP-ECFAN1203

GIGABYTE AORUS EZ Chain Fan 120 (3-Pack) Instruction Manual

Model: GP-ECFAN1203

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your GIGABYTE AORUS EZ Chain Fan 120 (3-Pack). This product is a 120mm Hydro Dynamic Bearing ARGB Computer Case Fan designed for efficient cooling and customizable lighting within your PC system.

Key Features:

- **Next Level Performance:** 120mm, 600 ~ 2000 RPM, 60 CFM.
- **Fan EZ-Chain:** DIY-friendly fan design with slide-in interlocking mechanism and DAISY-CHAIN connectivity.
- **New Fan Blade Design:** Increases both airflow and pressure, while reducing noise.
- **Simplified Connectivity:** Requires only one cable to connect multiple AORUS EZ-CHAIN ARGB fans.

2. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- AORUS EZ Chain Fan 120 (3 units)
- ARGB Header Cable (1 unit)
- Mounting Screws (sufficient quantity for 3 fans)
- User Manual / Quick Installation Guide

3. SETUP AND INSTALLATION

The AORUS EZ Chain Fan 120 features a DIY-friendly design for simplified installation and cable management.

3.1 Connecting Multiple Fans (EZ-Chain)

The fans are designed to interlock and daisy-chain, allowing power and ARGB signals to be transmitted between them with a single cable connection to the motherboard.



Image: Three AORUS EZ Chain Fans connected in a row, demonstrating the interlocking mechanism for simplified wiring.

To connect fans:

1. Align the side of one fan with the interlocking connector of another fan.
2. Gently slide the fans together until they click into place, ensuring a secure connection.
3. Repeat for additional fans (up to 10 fans can be connected in a single chain).



Image: Side view of three AORUS EZ Chain Fans connected, illustrating the integrated power and signal transmission.

3.2 Connecting to Motherboard

After chaining your fans, connect the single ARGB Header Cable from the last fan in the chain to your motherboard's 4-Pin PWM fan header and 3-Pin ARGB header. Refer to your motherboard manual for exact header locations.

Video: AORUS Water Force 2 Trailer by GIGABYTE. This video demonstrates the visual appeal and some connection aspects of AORUS cooling products, including fans.

Video: A short clip showcasing AORUS fans and their RGB lighting. This provides a quick visual of the product in action.

4. OPERATING YOUR FANS

Once installed and connected, your AORUS EZ Chain Fans will operate based on your motherboard's fan control settings. For advanced ARGB lighting customization and fan speed control, utilize the GIGABYTE Control Center software (available for download from the official GIGABYTE website).

- **ARGB Lighting:** Synchronize fan lighting with other AORUS devices and customize effects through the GIGABYTE Control Center.
- **Fan Speed Control:** Adjust fan RPM (600-2000 RPM) via motherboard BIOS or GIGABYTE Control Center to balance cooling performance and noise levels.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fans.

- **Cleaning:** Periodically clean fan blades and frames to remove dust buildup. Use a soft brush or compressed air. Ensure the PC is powered off and unplugged before cleaning.
- **Inspection:** Check cables for secure connections and signs of wear.

6. TROUBLESHOOTING

If you encounter issues with your AORUS EZ Chain Fans, refer to the following common solutions:

Problem	Possible Solution
Fans not spinning	Check 4-Pin PWM cable connection to motherboard. Ensure power supply is adequate. Verify fan settings in BIOS/UEFI.
RGB lighting not working	Check 3-Pin ARGB cable connection to motherboard. Ensure ARGB header is enabled in BIOS/UEFI. Verify settings in GIGABYTE Control Center.
Excessive noise	Check for dust buildup on fan blades. Ensure fans are securely mounted. Adjust fan speed settings in GIGABYTE Control Center or BIOS/UEFI.
Poor cooling performance	Ensure fans are oriented correctly for optimal airflow (intake/exhaust). Clean dust from fans and PC case. Increase fan speed.

7. SPECIFICATIONS

Feature	Detail
Brand	GIGABYTE
Model Number	GP-ECFAN1203
Fan Size	120mm
Rotational Speed	600 ~ 2000 RPM (Maximum 2000 RPM)
Air Flow Capacity	60 Cubic Feet Per Minute (CFM)
Noise Level	8.2 Decibels
Power Connector Type	4-Pin
Material	Metal, Plastic
Product Dimensions	4.72 x 4.72 x 0.98 inches
Item Weight	1.17 pounds
UPC	810162141356

8. WARRANTY AND SUPPORT

GIGABYTE products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please visit the official GIGABYTE website or contact their customer service department. Keep your proof of purchase for warranty claims.



Related Documents - GP-ECFAN1203

	<p>AORUS EZ CHAIN FAN 120 / 120 ICE Installation Guide - GIGABYTE Installation guide for GIGABYTE AORUS EZ CHAIN FAN 120 and AORUS EZ CHAIN FAN 120 ICE. Includes package contents, cable connection instructions, and contact information.</p>
	<p>GIGABYTE AORUS WATERFORCE X II Series Firmware and Cooler Library Update Guide Step-by-step guide to update the firmware and cooler library for GIGABYTE AORUS WATERFORCE X II 240, 360, and 360I CPU coolers using Gigabyte Control Center (GCC).</p>
	<p>GIGABYTE C500 PANORAMIC STEALTH ATX Mid-Tower PC Case Installation Guide Comprehensive installation guide for the GIGABYTE C500 PANORAMIC STEALTH ATX Mid-Tower PC Case, covering component installation, connectivity, and system fan setup.</p>
	<p>GIGABYTE AORUS C500 Glass ATX Mid-Tower PC Case User Manual User manual for the GIGABYTE AORUS C500 Glass ATX mid-tower PC case. Features include tempered glass panels, AI/O front panel with USB 3.1 Type-C, extensive cooling support, and robust build quality. Details installation, specifications, and compliance information.</p>
	<p>GIGABYTE B850M AORUS ELITE WIFI6E ICE Motherboard User's Manual Comprehensive user manual for the GIGABYTE B850M AORUS ELITE WIFI6E ICE and B850M AORUS ELITE WIFI6E motherboards, covering hardware installation, BIOS setup, driver installation, product specifications, and regulatory information.</p>
	<p>GIGABYTE H370 AORUS GAMING 3 WIFI Motherboard User Manual Comprehensive user manual for the GIGABYTE H370 AORUS GAMING 3 WIFI motherboard, covering hardware installation, BIOS setup, specifications, and troubleshooting. Visit GIGABYTE's website for more details.</p>

