

## Jonsbo ZA-360B

# JONSBO ZA-360B PC Case Fan Instruction Manual

Model: [ZA-360B](#) | Brand: [Jonsbo](#)

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your JONSBO ZA-360B PC Case Fan. The ZA-360B is an all-in-one single frame unit featuring three 120mm ARGB fans, designed for efficient cooling and stunning visual effects with its 4-sides infinity mirror design.

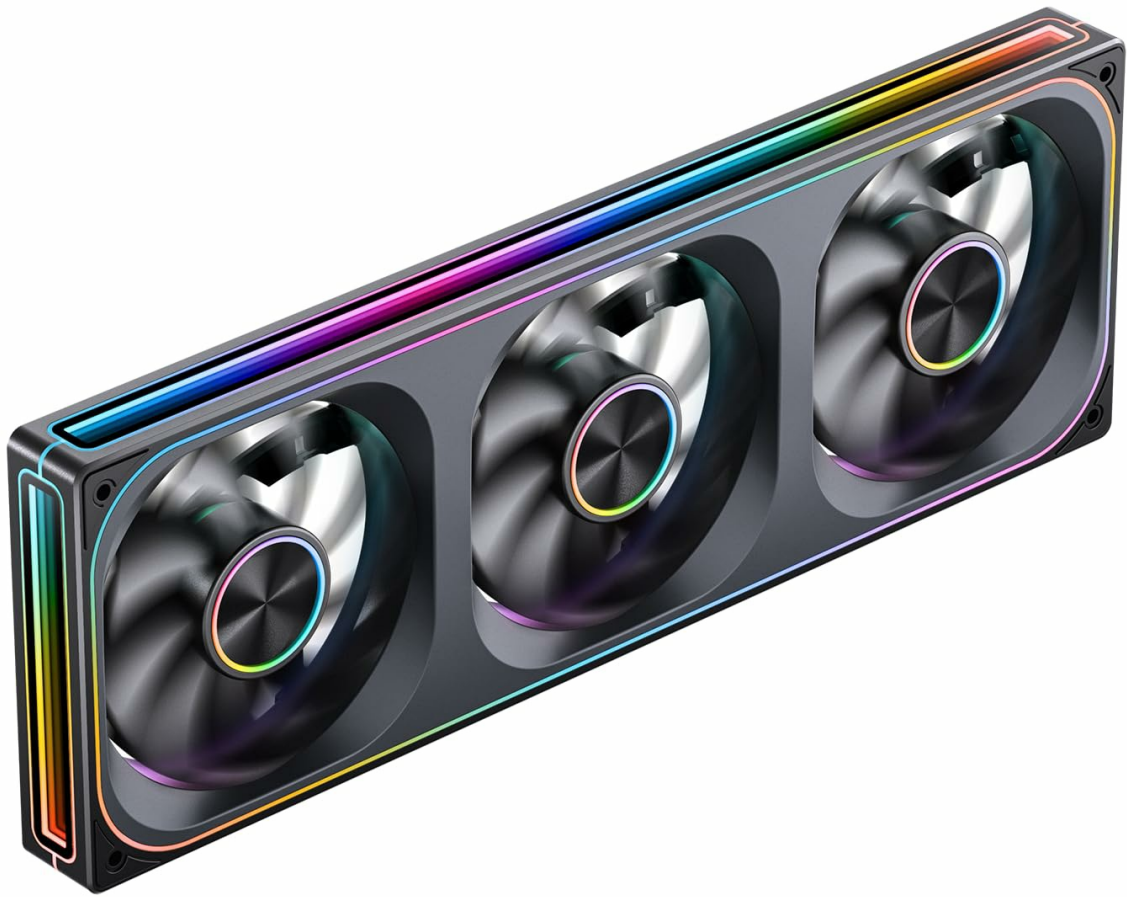


Figure 1: JONSBO ZA-360B PC Case Fan, showcasing its integrated design with three fans and ARGB lighting.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the fan. Failure to do so may result in damage to the product, other components, or personal injury.

- Always disconnect power from your PC before installing or removing any components.
- Handle the fan by its frame to avoid damaging the blades or wiring.
- Ensure proper grounding to prevent electrostatic discharge (ESD) when handling PC components.
- Do not attempt to modify the fan or its cables. Unauthorized modifications may void your warranty and pose safety risks.
- Keep the fan away from liquids and excessive moisture.
- Ensure cables are routed safely and do not obstruct fan blades or other moving parts.

### 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x JONSBO ZA-360B PC Case Fan Unit (integrated 3x120mm fans)
- Mounting Screws
- Connection Cables (4-Pin PWM, 3-Pin ARGB)

### 4. SETUP AND INSTALLATION

Follow these steps to properly install your JONSBO ZA-360B PC Case Fan:

#### 4.1 Pre-Installation

- Power off your computer and disconnect it from the power outlet.
- Open your PC case to access the fan mounting locations.
- Identify a suitable mounting location for a 360mm radiator or three 120mm fans (e.g., top, front, or bottom of the case).

#### 4.2 Mounting the Fan Unit

The ZA-360B is a single frame unit, simplifying installation. It can be fixed with 4 screws, regardless of its orientation, thanks to its 360-degree four-sided mirror design.

1. Position the fan unit in your desired mounting location, ensuring proper airflow direction (intake or exhaust).
2. Align the screw holes on the fan frame with the corresponding holes on your PC case.
3. Secure the fan unit using the provided mounting screws. Tighten them evenly to prevent warping.



Figure 2: The JONSBO ZA-360B fan unit installed within a PC case, demonstrating its fit and aesthetic integration.

# Integrated Fan Grille Lighting Effect



360 ° four sided mirror has a face no matter how it is installed  
Fixed with 4 screws to simplify installation steps



Figure 3: Close-up view of the integrated fan grille and lighting effect, highlighting the ease of installation with 4 screws.

## 4.3 Connecting Cables

The ZA-360B features simplified wiring with a single line connection to the motherboard for both power and ARGB control.

1. **PWM Connection:** Connect the 4-Pin PWM cable from the fan unit to an available 4-Pin fan header on your motherboard (e.g., "CPU\_FAN", "SYS\_FAN"). This allows for automatic fan speed control based on system temperature.
2. **ARGB Connection:** Connect the 3-Pin ARGB cable from the fan unit to a compatible 3-Pin 5V Addressable RGB header on your motherboard (e.g., "D\_LED", "ARGB\_HEADER"). Ensure the arrow on the connector aligns with the +5V pin on the motherboard header to prevent damage.



# Simplify the Wiring and Ensure Seamless Connectivity



One Line Connection to Motherboard  
Easy cable management/neater chassis



Figure 4: Illustration of the simplified wiring, showing a single cable connecting the fan unit to the motherboard for power and ARGB control.

**Important Note on ARGB Control:** The ZA-360B model has a large number of LED beads (68 LEDs around + 27 LEDs in parallel). If your motherboard has a low-end ARGB controller that cannot support this quantity of LEDs, the fan border lights may not illuminate fully. In such cases, it is recommended to add an external ARGB light controller that supports the required number of LEDs. For ASUS motherboard users, try adjusting the controllable number of LED chips through the latest version of Aura Sync software. Regular motherboards typically do not require an additional controller.

## 5. OPERATING INSTRUCTIONS

### 5.1 Fan Speed Control (PWM)

The JONSBO ZA-360B fan supports Pulse Width Modulation (PWM), allowing your motherboard to dynamically adjust fan speed based on CPU or system temperatures. This ensures optimal cooling performance while minimizing noise when not under heavy load.

- Access your motherboard's BIOS/UEFI settings or a compatible software utility (e.g., ASUS AI Suite, MSI Dragon Center, Gigabyte SIV) to configure fan curves and monitor fan speeds.
- The fan operates within a rotational speed range of 700-2400 RPM ( $\pm 10\%$ ).

## 5.2 ARGB Lighting Control

The Addressable RGB (ARGB) lighting allows for over 16 million color effects and various dynamic lighting modes, synchronized directly with your motherboard's ARGB software.

- Once the 3-Pin ARGB cable is connected to your motherboard, use the motherboard's RGB synchronization software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, Gigabyte RGB Fusion, ASRock Polychrome Sync) to customize the lighting effects.
- Explore different static colors, breathing effects, wave patterns, and other dynamic modes to personalize your PC's aesthetics.
- The unique light strip layout and 4-sides infinity mirror design create a "Thousand-layer Mirror Illusion," providing a distinctive and elegant lighting experience.

# *Front Aluminum CD PatternNameplate*



Outline the contours with simple lines, light effect,  
and the elegant combination of metal and light



Figure 5: Detail of the front aluminum CD pattern nameplate, contributing to the fan's minimalist aesthetic and light effect integration.

## 6. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your JONSBO ZA-360B PC Case Fan.

- **Dust Cleaning:** Periodically (e.g., every 3-6 months), power off your PC and use compressed air or a soft brush to gently remove dust accumulation from the fan blades and frame. Dust can impede airflow and increase noise levels.
- **Inspection:** Check cables for any signs of wear or damage. Ensure all connections remain secure.
- Do not use liquid cleaners directly on the fan or its electrical components.

## 7. TROUBLESHOOTING

If you encounter issues with your JONSBO ZA-360B PC Case Fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan is not spinning.	Loose or incorrect PWM cable connection. Insufficient power from motherboard header. Fan curve set too low in BIOS/software.	Ensure the 4-Pin PWM cable is securely connected to a functional motherboard fan header. Try connecting to a different fan header. Adjust fan curve settings in BIOS/software to ensure the fan spins at low temperatures.
ARGB lights are not illuminating or are incomplete.	Loose or incorrect ARGB cable connection. Motherboard ARGB header not enabled or configured. Motherboard ARGB controller cannot support the number of LEDs. Software conflict or incorrect settings.	Ensure the 3-Pin ARGB cable is securely connected to a 5V ARGB header, aligning the arrow with the +5V pin. Check motherboard BIOS/UEFI for ARGB header settings. Consider using an external ARGB controller if your motherboard's controller is insufficient for the fan's LED count. Verify ARGB software settings and try reinstalling the software if necessary.
Fan is making excessive noise.	Dust accumulation on blades. Loose mounting screws. Fan operating at maximum RPM unnecessarily.	Clean dust from fan blades and frame using compressed air. Ensure all mounting screws are tightened securely. Adjust fan curve settings in BIOS/software to reduce RPM at lower temperatures.



## 8. SPECIFICATIONS

Technical specifications for the JONSBO ZA-360B PC Case Fan:

Model Number	ZA-360B
Product Dimensions	42 x 15.5 x 4.2 cm
Weight	998 g
Fan Type	PC Case Fan (Integrated 3x120mm ARGB Fans)
Cooling Method	Air Cooling (FAN)
Power Connector Type	Fan: 4-Pin PWM / LED: 3-Pin ARGB
Voltage	DC 12 Volts (Fan) / 5 Volts (LED)
Wattage	Fan: 5.16W / LED: 5.80W (Total: 10W as per general specifications)
Noise Level	21.3-37.3 dB(A) (Max: 37 dB)
Maximum Rotational Speed	700-2400 RPM ( $\pm 10\%$ )
Compatible Devices	PC Case
LED Type	Addressable RGB (ARGB)
LED Count	68 LEDs (around frame) + 27 LEDs (in parallel)


## 9. WARRANTY AND SUPPORT

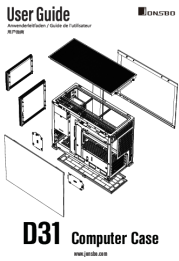

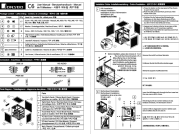

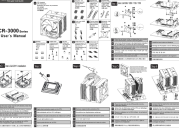
For warranty information and technical support, please refer to the official Jonsbo website or contact your retailer. Keep your proof of purchase for warranty claims.

For further assistance, you may also consult online PC building communities and forums for tips and shared experiences related to Jonsbo products.

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### Related Documents - ZA-360B

	<p><a href="#">Jonsbo Fan Safety Instructions and Warnings</a></p> <p>This document provides essential safety instructions and warnings for the Jonsbo Fan, covering mechanical safety, electrical safety, ventilation, and maintenance. It is intended for safe handling and proper use of the product.</p>
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 <p><b>User Guide</b> JONSBO <b>D31 Computer Case</b></p>	<p><a href="#">Jonsbo D31 Computer Case Installation Guide and Specifications</a></p> <p>Comprehensive guide for the Jonsbo D31 computer case, covering parts list, chassis specifications, PSU and graphics card installation, cooling options, and compatibility. Features detailed steps for building your PC.</p>
 <p><b>JONSBO BO400</b> Computer Case <b>User Guide</b></p>	<p><a href="#">JONSBO BO400 Computer Case Installation Manual and Specifications</a></p> <p>Comprehensive guide to installing and configuring the JONSBO BO400 ATX computer case, detailing technical specifications, component compatibility, cooling options, and step-by-step assembly instructions.</p>
	<p><a href="#">JONSBO C6 PC Case: User Manual and Installation Guide</a></p> <p>Comprehensive user manual and installation guide for the JONSBO C6 PC case. This document details package contents, component identification, and step-by-step assembly instructions for building your PC.</p>
	<p><a href="#">JONSBO NV10 PC Case Installation Guide</a></p> <p>Comprehensive installation guide for the JONSBO NV10 PC case, detailing package contents, parts, connectors, and step-by-step assembly instructions for building your computer.</p>
	<p><a href="#">JONSBO CR-3000 Series CPU Cooler User's Manual</a></p> <p>Comprehensive user's manual for the JONSBO CR-3000 Series CPU Cooler, detailing installation for Intel and AMD platforms, part lists, and connection instructions.</p>