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## Jungle Leopard Prism4 Pro X3

# Jungle Leopard Prism4 Pro X3 120mm ARGB Case Fans Instruction Manual

Model: Prism4 Pro X3

## 1. INTRODUCTION

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Thank you for choosing the Jungle Leopard Prism4 Pro X3 120mm ARGB Case Fans. These fans are designed to provide efficient cooling for your computer case while offering stunning customizable RGB lighting effects. This manual provides essential information for proper installation, operation, and maintenance of your new fans.

### Package Contents

- Jungle Leopard Prism4 Pro X3 120mm ARGB Case Fans (Triple Pack)
- Mounting Screws
- Cables for power and ARGB synchronization

## 2. SAFETY INFORMATION

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Please read and follow these safety guidelines to prevent damage to the product or injury to yourself:

- Ensure your computer is powered off and unplugged from the wall outlet before installation or maintenance.
- Handle components with care to avoid static discharge. Consider using an anti-static wrist strap.
- Do not attempt to modify the fans or cables. Unauthorized modifications may void your warranty and cause damage.
- Keep the fans away from liquids and excessive moisture.
- Ensure proper cable management to prevent interference with moving parts or other components.
- The power supply interface is small 4Pin and the light signal interface is 5V3Pin. Confirm your motherboard has a 5V3Pin ARGB header or acquire a separate control box for synchronization.

## 3. SETUP AND INSTALLATION

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Follow these steps to install your Jungle Leopard Prism4 Pro X3 ARGB Case Fans:

### 3.1 Preparing for Installation

- Power off your computer and unplug it from the power source.
- Open your computer case to access the fan mounting locations.
- Identify suitable locations for the 120mm fans (e.g., front, top, rear, bottom of the case).

### 3.2 Fan Mounting

1. Position the fan in the desired mounting location. Ensure the airflow direction is correct for your cooling setup (intake or exhaust).
2. Secure the fan to the case using the provided mounting screws. Tighten screws evenly to prevent warping.
3. The fans feature double-sided shock pads to reduce vibration noise. Ensure these pads are properly seated against the case.



Image: Fans installed within a computer case, demonstrating typical mounting positions.

# HYDRAULIC BEARING DESIGN

FANS ARE MORE STABLE AND QUIETER



Ensures high speed operation, reduces wear and tear, reduces noise and improves fan service life



Lighting Tandem Interface



Power supply dual interface in series

Image: Detail of the fan showing the vibration-proof damping pads at the corners.

## 3.3 Wiring Connections

1. **Power Connection:** Connect the fan's 4-Pin power connector to an available 4-Pin fan header on your motherboard or a fan controller. These fans support PWM for speed control.
2. **ARGB Lighting Connection:** Connect the fan's 5V 3-Pin ARGB connector to a compatible +5V 3-Pin ARGB header on your motherboard. If your motherboard lacks this header, a separate ARGB controller (not included) is required for lighting synchronization.
3. **Daisy Chaining:** The fans are designed for daisy-chaining. Connect the ARGB output of one fan to the ARGB input of the next fan to synchronize lighting effects across multiple fans.

# POWERFUL RPMS FOR IMPROVED PERFORMANCE

SPEED  
800~1600±10%  
RPM

FAN AIR VOLUME  
58.36  
CFM

FAN AIR PRESSURE  
2.07  
mm/H<sub>2</sub>O

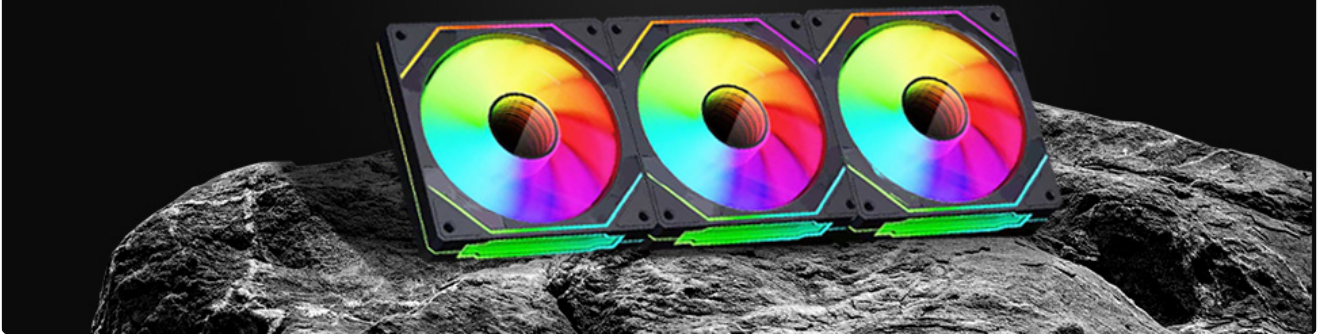


Image: Illustration of the fan's hydraulic bearing design, lighting tandem interface, and power supply dual interface for series connection.

**Important Note:** Do not connect the 5V 3-Pin ARGB connector to a 12V 4-Pin RGB header. This will damage the LEDs.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Fan Speed Control (PWM)

The Prism4 Pro X3 fans support Pulse Width Modulation (PWM) for dynamic speed control. If connected to a 4-Pin PWM fan header, your motherboard's BIOS/UEFI or operating system software can automatically adjust fan speed based on system temperature, optimizing cooling performance and noise levels. The fan speed range is 800-1800 RPM.

# INFINITE MIRROR FAN

Lens design, creating an infinite cycle of layering, deep and mysterious, shocking your vision



## INFINITY MIRROR ARGB ON BOTH SIDES OF THE FAN FRAME

Side infinity mirrors on the left and right sides of the fan are based on infinite geometric states

## INTERMEDIATE INFINITY MIRROR ARGB

Multiple layered layers spaced 0.5mm apart from each other are visible in the circular infinity mirror in the center of the fan.



Image: Display of three fans and their performance metrics: Speed (800-1600 RPM), Fan Air Volume (58.36 CFM), and Fan Air Pressure (2.07 mm/H<sub>2</sub>O).

## 4.2 ARGB Lighting Control

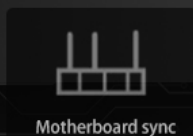
The fans feature a three-sided infinity mirror ARGB light effect. The lighting can be controlled via your motherboard's ARGB software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync) if connected to a +5V 3-Pin ARGB header. This allows for synchronization with other ARGB components in your system and customization of various lighting modes and colors.

# PRISM 4 PRO

## INFINITY MIRROR 120 ARGB FAN



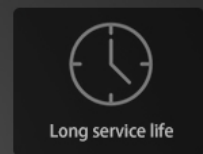
ARGB Light Effect



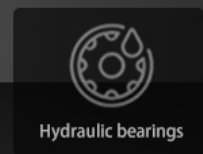
Motherboard sync



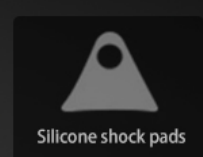
Infinite Mirror Light Effect



Long service life



Hydraulic bearings



Silicone shock pads

Image: Detailed view of the infinity mirror ARGB effect on the fan, highlighting the side and intermediate circular mirror designs.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your fans:

- **Cleaning:** Periodically clean the fan blades and frame to remove dust buildup. Use compressed air or a soft, dry cloth. Ensure the computer is powered off and unplugged before cleaning.
- **Inspection:** Check cables for any signs of wear or damage. Ensure all connections are secure.
- Do not lubricate the fan bearings. The hydraulic bearings are sealed and designed for long-term, maintenance-free operation.

## 6. TROUBLESHOOTING

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### 6.1 Fans Not Spinning

- Ensure the 4-Pin power connector is securely plugged into a functional fan header on the motherboard or controller.
- Check your motherboard's BIOS/UEFI settings to ensure the fan header is enabled and configured correctly.
- Verify that your power supply is providing adequate power to the system.

### 6.2 ARGB Lights Not Working or Synchronizing

- Confirm the 5V 3-Pin ARGB connector is correctly plugged into a +5V 3-Pin ARGB header on your motherboard or a compatible ARGB controller.
- **WARNING:** Do not connect to a 12V 4-Pin RGB header. This will damage the LEDs.
- Ensure your motherboard's ARGB software is installed and updated. Check its settings to enable and configure the lighting effects.
- If daisy-chaining, ensure all connections between fans are secure.
- Test individual fans if possible to isolate a faulty unit or connection.

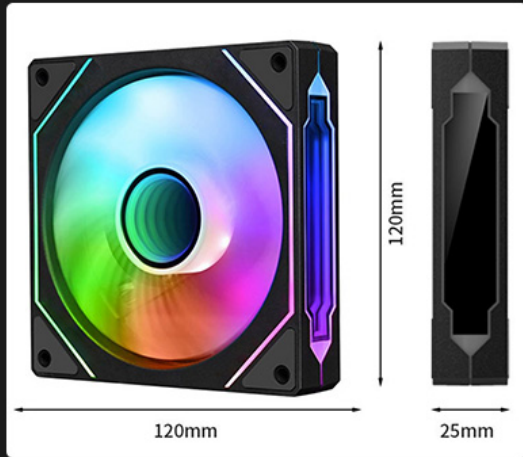
### 6.3 Excessive Noise

- Check if the fan blades are obstructed by cables or other components.
- Ensure the fan is securely mounted and screws are tightened evenly to prevent vibration. The double-sided shock pads should help mitigate this.
- Clean any dust buildup on the fan blades.
- Adjust fan speed settings in your motherboard's BIOS/UEFI or software to a lower RPM if noise is a concern and temperatures allow.

## 7. SPECIFICATIONS

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# PRODUCT PARAMETERS



RATED VOLTAGE	DC 12V
SIZES	120×120×25mm
ROTATE SPEED	800~1600±10%RPM
BEARING TYPE	Hydraulic Bearig
FAN AIRFLOW	58.36CFM
RATED CURRENT	0.19A
FAN NOISE	29dBA
FAN AIR PRESSURE	2.07mm/H <sub>2</sub> O
INSULATION TYPE	CLASS A
POWER SUPPLY INTERFACE	4PIN+5V 3PIN

Image: Visual representation of fan dimensions and a table summarizing key product parameters.

Feature	Detail
Model Number	Prism4 Pro X3 (prism 4 PRO 3IN1)
Fan Dimensions	120mm x 120mm x 25mm (4.72"L x 4.72"W x 0.98"H)
Rated Voltage	DC 12V
Operating Voltage	12 Volts (DC)
Wattage	4.26 watts
Fan Speed	800-1800 RPM (PWM controlled)
Air Flow Capacity	58.35 CFM
Air Pressure	2.07 mm/H <sub>2</sub> O
Noise Level	≤29 dBA
Bearing Type	Hydraulic Bearing
Power Connector	4-Pin PWM
ARGB Connector	+5V 3-Pin ARGB
Material	Metal, Plastic, Rubber
Compatible Devices	Desktop Computers

## 8. WARRANTY AND SUPPORT

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### 8.1 Warranty Information

Jungle Leopard products are manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Jungle Leopard website. Keep your purchase receipt as proof of purchase for warranty claims.

### 8.2 Technical Support

If you encounter any issues or have questions regarding the installation or operation of your Jungle Leopard Prism4 Pro X3 fans, please contact our customer support team. You can find contact information on the official Jungle Leopard website or through your retailer.

**Online Resources:** For additional support, FAQs, and driver downloads (if applicable), please visit the [Jungle Leopard Store on Amazon](#).