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- › [Jungle Leopard](#) /
- › Jungle Leopard JM-V1 PC Fan Instruction Manual

Jungle Leopard JM-V1

Jungle Leopard JM-V1 PC Fan Instruction Manual

Model: JM-V1

INTRODUCTION

The Jungle Leopard JM-V1 PC Fan is a 120mm case fan designed for efficient computer cooling with advanced features. It incorporates a daisy-chain design for simplified installation, 5V ARGB lighting with an infinity mirror effect for customizable aesthetics, and PWM intelligent temperature control for optimized performance and noise reduction. This manual provides detailed instructions for the proper setup, operation, and maintenance of your JM-V1 PC Fan.

SETUP AND INSTALLATION

1. Daisy-Chain Connection

The JM-V1 fans feature a unique slide-in/PIN-to-PIN interlocking mechanism, allowing multiple fans to be connected in a daisy-chain. This design significantly reduces cable clutter, requiring only one cable for each fan cluster. Ensure the fans are securely interlocked before connecting the main cable.

JIGSAW PUZZLE

*Easy splicing for
personalized
cooling layouts*

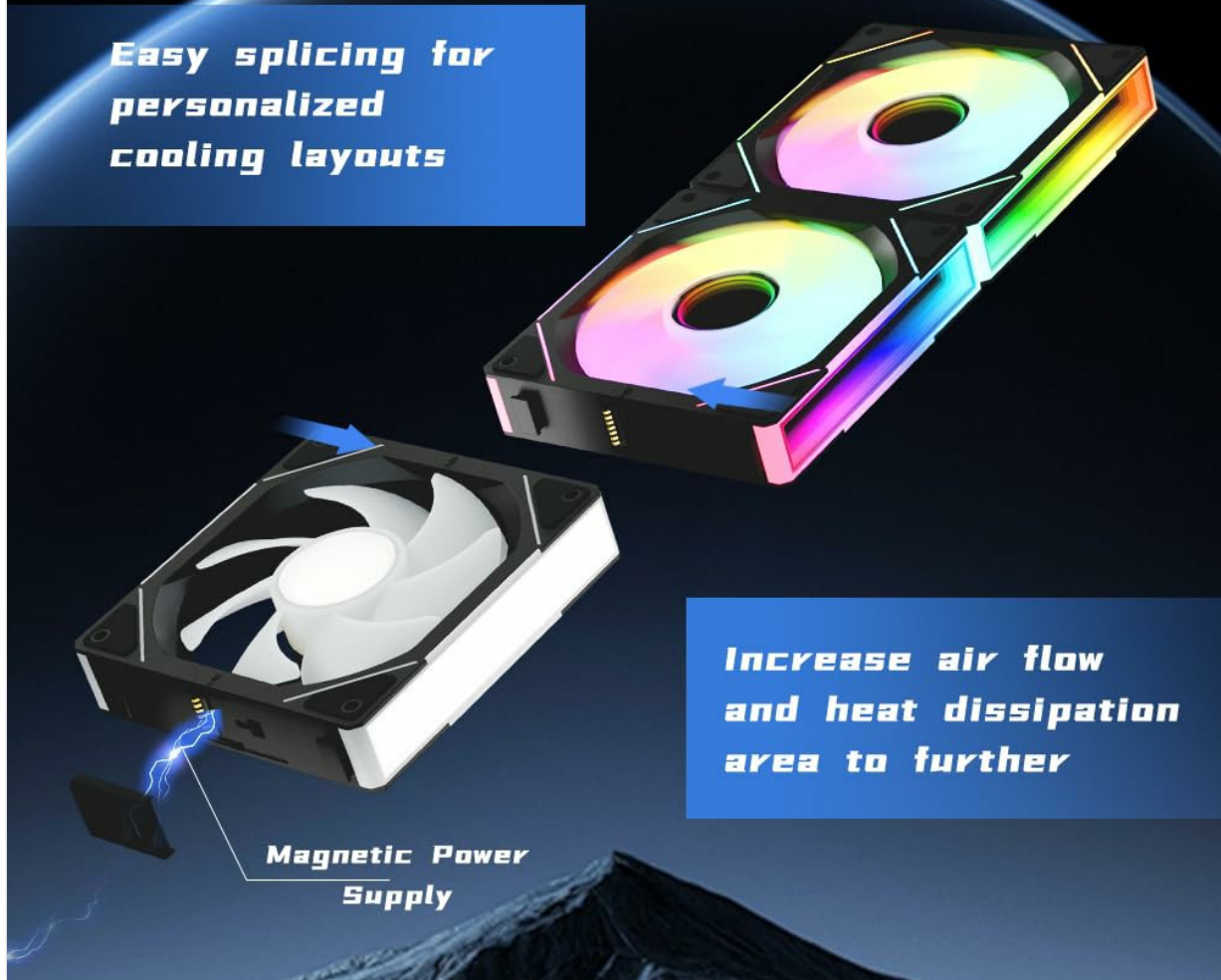


Image: Magnetic power supply and interlocking mechanism for daisy-chaining fans.

2. Motherboard ARGB Synchronization (5V 3-Pin)

To enable customizable lighting effects, connect the fan's 5V 3-pin ARGB interface to a compatible motherboard header. The JM-V1 supports divine light synchronization with major motherboard manufacturers such as ASUS, MSI, Gigabyte, and ASRock, allowing you to program and customize 16 million colors through your motherboard's software.

3. PWM Power Connection

Connect the fan's 4-pin PWM cable to a 4-pin PWM header on your motherboard. This enables intelligent temperature control, allowing the fan speed to automatically adjust between 800 and 2000 RPM based on your CPU temperature, optimizing cooling performance while minimizing noise.

INSTALLATION SHOW



Image: Multiple fans installed in a computer case, showcasing cable management and ARGB lighting.

OPERATION

1. Airflow Direction

The JM-V1 fans are available in both forward and reverse airflow versions. The **forward version** inhales air from the front and exhausts it from the back. The **reverse version** draws air from the north side of the fan and blows it out from the front. Choose the appropriate version to ensure the most aesthetically pleasing side of the fan faces the interior of your case while maintaining optimal airflow.

2. ARGB Lighting Control

Once connected to a compatible 5V 3-pin ARGB motherboard header, the fan's lighting can be controlled via your motherboard's dedicated software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, Gigabyte RGB Fusion, ASRock Polychrome Sync). This allows for programmable customization of 16 million colors and various lighting effects, including the unique infinity mirror effect.

MIRROR DEEP

*Axis 16 million color illuminated beads.
Simplified wire for easy installation*



Image: Close-up of the fan displaying the infinity mirror effect and ARGB lighting.

3. Fan Speed Control

With the PWM connection, the fan speed will automatically adjust between 800 and 2000 RPM based on the CPU temperature detected by your motherboard. This intelligent control ensures efficient cooling when needed and reduces noise during lighter loads.

POWERFUL PERFORMANCE

Speed

Max
2000RPM

Air Pressure

Max
2.07mm-H₂O

Airflow

Max
58.36 CFM

Noise

Keep
29dBA



Image: Fan performance metrics: Max Speed 2000RPM, Max Air Pressure 2.07mm-H₂O, Max Airflow 58.36 CFM, Noise ≤29dBA.

MAINTENANCE

To ensure optimal performance and longevity of your Jungle Leopard JM-V1 PC Fan, regular maintenance is recommended:

- **Dust Removal:** Periodically clean the fan blades and housing to prevent dust buildup, which can impede airflow and increase noise. Use compressed air or a soft brush.
- **Inspection:** Check for any loose cables or obstructions around the fan blades.
- **Mounting Screws:** Ensure all mounting screws are secure to prevent vibrations and noise.

TROUBLESHOOTING

- **Fan Not Spinning:**
 - Check if the 4-pin PWM power connector is securely plugged into the motherboard.
 - Ensure the fan header on the motherboard is enabled in the BIOS/UEFI settings.
 - Verify that the power supply is functioning correctly.

- **ARGB Lights Not Working:**

- Confirm the 5V 3-pin ARGB connector is correctly attached to the motherboard's ARGB header.
- Check your motherboard's ARGB software to ensure lighting effects are enabled and configured.
- Ensure the ARGB header on the motherboard is receiving power.

- **Excessive Noise:**

- Inspect for any cables or objects obstructing the fan blades.
- Ensure the fan is securely mounted and screws are tightened to prevent vibration.
- Clean any dust buildup on the fan blades.

SPECIFICATIONS

PRODUCT PARAMETERS



Fan size	120*120*25mm
Fan speed	800–2000±10%RPM
Fan noise	29dBA
Service life	40000hours

Image: Product parameters graphic.

Feature	Detail
Product Dimensions	4.7"L x 4.7"W x 0.98"H (120x120x25mm)

Feature	Detail
Brand	Jungle Leopard
Power Connector Type	4-Pin (PWM)
Voltage	12 Volts (DC)
Wattage	2.29 watts
Cooling Method	Air
Compatible Devices	Desktop Computers
Noise Level	≤29 Decibels
Material	Plastic, Rubber
Maximum Rotational Speed	2000 RPM
Air Flow Capacity	58.36 Cubic Feet Per Minute (CFM)
Item Model Number	JM-V1 3IN1

WARRANTY INFORMATION

Jungle Leopard products typically come with a limited warranty. Please refer to the product packaging or the official Jungle Leopard website for specific warranty terms and conditions applicable to your JM-V1 PC Fan. Retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Jungle Leopard JM-V1 PC Fan, please visit the official Jungle Leopard website or contact their customer service department. Contact details can usually be found on the product packaging or the brand's online presence.