



# **Zalman ZM- DF120 A3 BLACK computer cooling system Motherboard Fan 12.4 cm 1 pc(s)**

Model: ZM-DF120 A3 BLACK

Manufacturer: ZALMAN

EAN: 8800263650934

Product Code: 841859

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## **R1,421**

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### **ARGB lighting that delivers a dazzling system display**

The ZM-DF120 fan can be connected to the motherboard or an ARGB hub, allowing users to customize lighting effects through the front ring and side infinity mirror.

With a variety of LED modes and vibrant illumination patterns, it enhances your system with stunning visual flair.

### **Easy Assembly, Brilliant Connection**

Featuring a pogo pin and magnetic mounting system, the ZM-DF120 allows quick installation and a

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clean, visually striking system layout.

### **Clean Finish with Magnetic Cap**

Unused connection points require no additional wiring and are covered with a magnetic cap for a neat, seamless exterior.

### **Distinctive Blade Design of ZM-DF120**

The ZM-DF120 fan features blades connected by a shroud ring that prevents vortex and backflow, effectively reducing vibration.

This shroud ring design is inspired by the structural methods used in aircraft gas turbines to minimize blade vibration and prevent radial air leakage.

### **Vibration-absorbing Rubber Dampers**

By applying eight vibration-absorbing rubber dampers, vibration generated during fan operation is minimized, enabling quieter performance.

### **Dual Ball Bearing Design**

Equipped with high-performance dual ball bearings for outstanding durability and stable performance during long-term continuous operation.

Thanks to their superior heat resistance compared to other bearing types, dual ball bearings deliver exceptional reliability in CPU coolers and liquid-cooling radiators that continuously generate heat.

### **PWM Control for Optimal Cooling Experience**

Featuring PWM control for precise fan speed adjustment, it operates quietly at low RPM during idle and ramps up when needed to maintain optimal cooling performance.

### **Easy Cable Management**

DF120 fans interconnect through magnets and pogo pins, requiring only the final fan in the chain to connect to the motherboard or hub for signal and power — ensuring effortless cable management.

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