

# SJ9225HD1 San Jun 12VDC 92x92x25mm Cooling Axial Fan Datasheet



**SKU:** 789198107297

**Category:** Axial & Centrifugal Fans

**Price:** \$9.99

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Product Page:

<https://www.equipspares.com/product/sj9225hd1-san-jun-12vdc-92x92x25mm-cooling-axial-fan>

## Product Description

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The San Jun SJ9225HD1 is a precision-engineered Axial Fan designed for critical thermal management in electronic enclosures and computing systems. Utilizing a robust 12VDC motor architecture, this unit delivers consistent airflow to mitigate thermal impedance within high-density chassis environments. The 92mm frame is constructed for structural rigidity, housing an aerodynamic impeller optimized for static pressure generation. Featuring a specialized RGB illumination design, it combines visual aesthetics with industrial-grade cooling performance. The motor assembly operates at 0.30A, ensuring efficient power consumption while maintaining operational stability under continuous load conditions, making it a reliable solution for maintaining optimal component temperatures.

Model Number: SJ9225HD1

Brand: San Jun

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.30 A

Input Power: 3.60 W

Rated Speed: 2800 RPM  $\pm 10\%$

Bearing Type: Sleeve / Hydro Bearing

Max. Air Flow: 52.0 CFM (88.34 m<sup>3</sup>/h / 1.47 m<sup>3</sup>/min)

Max. Static Pressure: 3.50 mmH<sub>2</sub>O (34.32 Pa / 0.14 inH<sub>2</sub>O)

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Life Expectancy: 30,000 Hours at 25°C

Noise Level: 34.0 dBA

Termination: 2-Wire Lead (Red/Black)

Ingress Protection: IP20

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Special Features: RGB Illumination Design

The SJ9225HD1 is engineered for deployment in diverse thermal environments, ranging from consumer computing chassis to industrial control cabinets requiring active ventilation. Its 92mm form factor allows for seamless integration into server racks, power supply units, and compact electronic enclosures where space is constrained but airflow cannot be compromised. Additionally, the SJ9225HD1 is suitable for auxiliary cooling in telecommunications equipment and custom modding projects requiring visual feedback via its RGB design, ensuring critical components remain within safe operating thermal limits.

## Supplemental Images

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