

NF-S12A PWM Noctua 12V DC Axial Fan

SKU: NF-S12A PWM

Price: \$44.63

Categories: Fans

Tags: Noctua

Product Link:

<https://www.electspares.com/product/nf-s12a-pwm-noctua-12v-dc-axial-fan/>

Product Description

The Noctua NF-S12A PWM is a 12V DC Axial Fan with dimensions of 120x120x25mm, specifically designed for excellent airflow performance with very low noise. It operates within a voltage range of 5 to 13V DC. The fan has a rated current of 0.09A and a power consumption of 1.08W. Its rotational speed is PWM-controlled, ranging from a minimum of 300RPM up to a maximum of 1200RPM. It provides a maximum airflow of 107.5m³/h (63.2 CFM) and a maximum static pressure of 11.67Pa (1.19 mmH₂O), with a maximum noise level of 17.8dB(A). It is equipped with Noctua's proprietary SSO2 (Self-Stabilising Oil-Pressure) bearing for an MTTF (Mean Time To Failure) of over 150,000 hours. The fan is constructed from fibre-glass reinforced Liquid Crystal Polymer (LCP) and features a 4-pin PWM termination, typically including a Low-Noise Adaptor (L.N.A.) and integrated anti-vibration pads.

NF-S12A PWM Fan Parameters

Model: NF-S12A PWM

Manufacturer: Noctua

Type: DC Axial Fan (Airflow Optimized)

Dimensions: 120 x 120 x 25 mm

Nominal Voltage: 12 V DC

Operating Voltage Range: 5 .. 13 V

Rated Current: 0.09 A

Power Consumption: 1.08 W

Max. Rotational Speed: 1200 RPM

Min. Rotational Speed (PWM): 300 RPM

Max. Airflow: 107.5 m³/h (63.2 CFM)

Max. Static Pressure: 11.67 Pa (1.19 mmH₂O)

Max. Noise Level: 17.8 dB(A)

Bearing Type: SSO2 (Self-Stabilising Oil-Pressure Bearing)

Material Frame: Fibre-glass reinforced Liquid Crystal Polymer (LCP)

Material Impeller: Fibre-glass reinforced Liquid Crystal Polymer (LCP)

MTTF: >150,000 h

Termination: 4-pin PWM

Features: PWM Control, Low-Noise Adaptor (L.N.A.), Integrated Anti-vibration pads, Fan Extension Cable

Application: Suitable for quiet PC case ventilation, CPU coolers (with lower static pressure requirements), and other applications where high airflow and low noise are prioritized.

Product Images









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