

# PF60251BX-Q03C-S99 Sunon 12VDC 60x60x25mm PWM Axial Fan Datasheet



**Brand:** SUNON

**SKU:** [989208675227](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$15.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

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Product Page:

<https://www.equipspares.com/product/pf60251bx-q03c-s99-sunon-12vdc-60x60x25mm-pwm-axial-fan>

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## Product Description

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The Sunon PF60251BX-Q03C-S99 is a high-performance DC Axial Fan engineered for demanding industrial thermal management applications where reliability and static pressure are paramount. Utilizing advanced Double Ball Bearing technology, this unit ensures exceptional longevity and structural rigidity under continuous operation, significantly reducing frictional heat generation compared to sleeve bearing alternatives. The aerodynamic impeller design optimizes the P-Q curve to deliver high static pressure, effectively overcoming high thermal impedance in dense electronic enclosures. With a 4-wire interface supporting PWM speed control, the fan offers precise thermal regulation and acoustic management, allowing for dynamic speed adjustment based on real-time system temperatures.

Model Number: PF60251BX-Q03C-S99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 6.0 - 13.8 VDC

Power Consumption: 4.14 W

Rated Current: 0.345 A

Rated Speed: 7600 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 36.0 CFM (61.1 m<sup>3</sup>/h / 1.02 m<sup>3</sup>/min)

Max. Static Pressure: 0.76 inH<sub>2</sub>O (189.3 Pa)

Dimensions: 60x60x25mm

Noise Level: 46.0 dB(A)

Termination: 4-Wire Lead

Wire Function: PWM Speed Control / Tachometer Output

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Ingress Protection: IP5X

Weight: 75 g

Life Expectancy: 70,000 Hours at 40°C

Safety Certifications: UL, CUR, TUV, CE

Designed for high-density electronic environments, the PF60251BX-Q03C-S99 is an ideal solution for network switches and server rack cooling where system backpressure is significant. The robust construction of the PF60251BX-Q03C-S99 also makes it suitable for industrial control equipment, automation drive cooling, and telecommunications power supplies requiring reliable forced air convection to maintain optimal operating temperatures.

## Supplemental Images

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