

VF40561BX-0000-Q99 SUNON 12VDC 12.60W 40x40x56mm Axial Fan Datasheet



Brand: SUNON

SKU: 1037829543308

Category: Axial & Centrifugal Fans

Price: \$25.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/vf40561bx-0000-q99-sunon-12vdc-12-60w-40x40x56mm-axial-fan>

Product Description

The SUNON VF40561BX-0000-Q99 is a high-performance DC axial fan measuring 40 x 40 x 56 mm and operating at a nominal 12 VDC with a 12.60 W power rating. This specialized cooling unit features a dual-motor counter-rotating architecture designed to maximize static pressure and airflow density within extremely constrained spatial envelopes. The mechanical assembly is constructed with a durable thermoplastic PBT housing and impeller, utilizing a precision double ball bearing system to ensure rotational stability and extended operational life under continuous high-speed duty cycles. Electrical interfacing is provided via a 120 mm 6-wire lead configuration terminated with a 6-pin specialized connector, supporting advanced pulse width modulation (PWM) speed control and frequency generator (tachometer) feedback for precise thermal management.

VF40561BX-0000-Q99 Specifications

Model Number: VF40561BX-0000-Q99

Brand: SUNON

Product Category: DC Axial Fan

Frame Size: 40 x 40 x 56 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 to 13.8 VDC

Rated Power: 12.60 W

Rated Current: 1.05 A

Bearing Type: Dual Ball Bearing

Motor Design: Dual Motor Counter-Rotating

Connector Type: 6-Pin 6-Wire Interface

Wire Length: 120 mm

Material: Thermoplastic PBT (UL94V-0)

Impeller: 5-Blade / 4-Blade Dual Stage

Protection: Auto Restart, Polarity Protected

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Weight: 95 g

VF40561BX-0000-Q99 Applications

Primary applications include integration into HPE ProLiant DL Gen9 server series thermal modules, high-density rack-mount chassis, and enterprise networking switch fabric cooling. Deployed within blade server enclosures, telecommunications base stations, and industrial power supply units where high-impedance heat dissipation is required.

Supplemental Images

