

PFC0381BX-D090-S99 SUNON 12VDC 120x120x38mm Cooling Fan Datasheet



SKU: 1047246324698

Category: Axial & Centrifugal Fans

Price: \$5.14

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Product Description

SUNON PFC0381BX-D090-S99 120 x 120 x 38 mm 12 VDC 52.44 W cooling fan delivering a maximum airflow of 285 CFM. This high-performance thermal management unit features a durable plastic frame and impeller, operating at a maximum speed of 8000 RPM with an acoustic profile of 63.5 dBA. The internal mechanism utilizes a dual ball bearing system (model 3B2100QVS) for extended operational longevity and reduced mechanical friction. It integrates a 6-wire interface with full PWM support for precise rotational speed control and tachometer monitoring.

PFC0381BX-D090-S99 Specifications

Model Number: PFC0381BX-D090-S99

Sunon Spec Number: D12037330G-01

Brand: SUNON

Product Category: DC Brushless Cooling Fan

Dimensions: 120 x 120 x 38 mm

Nominal Voltage: 12 VDC

Power Consumption: 52.44 W

Maximum Speed: 8000 RPM

Maximum Airflow: 285 CFM

Noise Level: 63.5 dBA

Interface: 6-Wire

Control: PWM Supported

Bearing Type: Dual Ball Bearing (3B2100QVS)

Material: Plastic Frame and Impeller

Current Type: DC

Form Factor: 12038

Compatible Equipment: Gigabyte G431-MM0

PFC0381BX-D090-S99 Applications

Primary applications include integration into high-density server racks, industrial control equipment, and telecommunications base stations requiring aggressive thermal dissipation. Deployed within CNC machine tool control panels and enterprise-grade chassis systems to maintain optimal operating temperatures under continuous heavy loads.

Supplemental Images

