

PV123812DSPF01 Foxconn 12V DC Axial Fan 120mm

SKU: PV123812DSPF01

Price: \$9.99

Categories: Fans

Tags: Foxconn

Product Link:

<https://www.electspares.com/product/pv123812dspf01-foxconn-12v-dc-axial-fan-120mm/>

Product Description

The Foxconn PV123812DSPF01 is a High-Performance DC Axial Fan with dimensions of 120 mm×120 mm×38 mm. It operates on 12 VDC, drawing 0.90 A of current. This fan delivers a high Airflow of 150 CFM (≈255 m³/h) at a maximum Rotational Speed of 4,500 RPM. Featuring a Double Ball Bearing system, it is designed for longevity and stability. It is most frequently used as an original equipment cooling fan in various Dell desktop and workstation models that require robust airflow.

PV123812DSPF01 Fan Parameters

Model: PV123812DSPF01

Manufacturer: Foxconn

Type: DC Axial Fan

Dimensions: 120 mm×120 mm×38 mm

Nominal Voltage: 12 VDC

Rated Current: 0.90 A

Rated Power: 10.8 W

Max Speed: 4,500 RPM

Airflow: 255 m³/h (≈150 CFM)

Static Pressure: 162 Pa (0.65 inAq)

Acoustic Noise: 55 dB(A)

Bearing Type: Double Ball Bearing

Life Expectancy: 50,000 hours (at 40°C)

FConnector: 4-wire (PWM/Tachometry control signals)

Mounting Holes: 4 corner holes

Weight: 181 g

Motor Design: Brushless DC Motor

Number of blades: 7

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temp: -10°C to $+70^{\circ}\text{C}$

Protection: Polarity Protection

Application

The Foxconn PV123812DSPF01 is a high-static pressure axial fan engineered for critical cooling tasks within desktop computer systems and servers. Its primary use is as an OEM fan in Dell Optiplex and Dimension series to provide focused airflow over CPUs, hard drives, or as case exhaust, ensuring system stability under heavy load.

Product Images









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