

# PIA120G12H-P06-AB Foxconn 12VDC 4.50A 120mm PWM Cooling Fan Datasheet



**Brand:** Foxconn

**SKU:** [874751892972](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$25.99**

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Product Page:

<https://www.equipspares.com/product/pia120g12h-p06-ab-foxconn-12vdc-4-50a-120mm-pwm-cooling-fan>

## Product Description

Foxconn PIA120G12H-P06-AB 120 x 120 x 25 mm 12 VDC 4.50 A 54 W high-performance axial fan. The unit is constructed with a UL 94V-0 rated PBT plastic frame and impeller, utilizing a dual ball bearing system for extended operational life. It features a 4-pin PWM interface for dynamic speed control and a 7-blade high-velocity impeller design. The brushless DC motor provides high static pressure and airflow through a 4-wire lead configuration.

PIA120G12H-P06-AB Specifications

Model: PIA120G12H-P06-AB

Brand: Foxconn

Category: DC Axial Fan

Dimensions: 120 x 120 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage: 10.8 to 13.2 VDC

Rated Current: 4.50 A

Rated Power: 54 W

Rated Speed: 6000 RPM

Maximum Airflow: 210 CFM

Maximum Static Pressure: 32.5 mmH<sub>2</sub>O

Acoustic Noise: 68.5 dB(A)

Bearing Type: Dual Ball Bearing

Interface: 4-pin PWM

Wire Length: 16.5 cm

Material: PBT Plastic (UL 94V-0)

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 75 °C

Life Expectancy: 70,000 hours at 40 °C

Safety Certifications: UL, TUV, CE, RoHS

#### PIA120G12H-P06-AB Applications

Primary applications include integration into high-density server chassis, enterprise networking switches, and industrial rack-mount power supplies. Deployed within high-performance computing (HPC) clusters and telecommunications base stations for critical thermal management of high-wattage processors and power modules.

## Supplemental Images

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