

# PVA080G12R-P30-AB Foxconn 12VDC 80x80x25mm PWM Axial Fan Datasheet



**Brand:** Foxconn

**SKU:** [825256410189](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

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Product Page:

<https://www.equipspares.com/product/pva080g12r-p30-ab-foxconn-12vdc-80x80x25mm-pwm-axial-fan>

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## Product Description

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The Foxconn PVA080G12R-P30-AB is a high-performance Axial Fan engineered for critical thermal management in dense electronic environments. Utilizing a robust DC motor architecture paired with a precision Dual Ball Bearing system, this unit ensures exceptional structural rigidity and operational longevity under continuous load. The aerodynamic impeller design is optimized to deliver high static pressure, effectively overcoming thermal impedance in restricted chassis layouts. Featuring a 4-wire interface, the PVA080G12R-P30-AB supports PWM speed modulation, allowing for dynamic airflow adjustment to balance cooling efficiency with acoustic performance in industrial and server-grade applications.

Model Number: PVA080G12R-P30-AB

Brand: Foxconn

Product Type: Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.80 A

Power Consumption: 9.60 W

Rated Speed: 5500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 62.0 CFM (105.3 m<sup>3</sup>/h / 1.75 m<sup>3</sup>/min)

Max. Static Pressure: 9.81 mmH<sub>2</sub>O (96.24 Pa / 0.39 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 25 mm

Weight: 95 g

Noise Level: 46.5 dBA

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead with Connector

Wire Assignment: Red (+), Black (-), Yellow (Tach), Blue (PWM)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Mounting Orientation: Any

This cooling solution is specifically designed for high-density hardware deployments, including enterprise server racks, network switches, and industrial automation controllers. The PVA080G12R-P30-AB excels in applications requiring forced air convection through restrictive heatsinks and power supply units. Furthermore, the PVA080G12R-P30-AB is frequently utilized in telecommunications infrastructure and medical instrumentation where reliable, high-pressure airflow is essential to prevent component throttling and ensure system stability.

## Supplemental Images

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