

# PVA080E12Q-P08-BB Foxconn 12VDC 0.25A 80x80x15mm Axial Fan Datasheet



**Brand:** Foxconn

**SKU:** [991206955975](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$13.99**

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Product Page:

<https://www.equipspares.com/product/pva080e12q-p08-bb-foxconn-12vdc-0-25a-80x80x15mm-axial-fan>

## Product Description

The Foxconn PVA080E12Q-P08-BB is a precision-engineered DC axial fan designed for high-density thermal management in server environments and compact electronic assemblies. This unit utilizes a robust brushless DC motor architecture paired with a dual ball bearing system, ensuring exceptional structural rigidity and prolonged operational lifespan under continuous load conditions. The aerodynamic blade geometry is optimized to minimize thermal impedance while maintaining consistent airflow in restricted spaces. Featuring advanced 4-wire PWM speed control, it allows for dynamic thermal regulation, balancing cooling efficiency with acoustic performance. The 80x80x15mm low-profile frame makes it particularly suitable for space-constrained chassis requiring reliable heat dissipation.

Model Number: PVA080E12Q-P08-BB

Brand: Foxconn

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.25 A

Power Consumption: 3.00 W

Rated Speed: 3800 RPM ( $\pm 10\%$ )

Bearing Type: Dual Ball Bearing

Max. Air Flow: 38.5 CFM (65.4 m<sup>3</sup>/h / 1.09 m<sup>3</sup>/min)  
Max. Static Pressure: 3.8 mmH<sub>2</sub>O (37.2 Pa / 0.15 inH<sub>2</sub>O)  
Dimensions: 80 x 80 x 15 mm  
Weight: 65 g  
Life Expectancy: 70,000 Hours at 40°C  
Speed Control: 4-Wire PWM  
Signal Output: Tachometer (Frequency Generator)  
Noise Level: 34.0 dB(A)  
Housing Material: PBT Plastic (UL94V-0)  
Impeller Material: PBT Plastic (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Termination: 4-Wire Lead with Connector  
Wire Configuration: Red (+), Black (-), Yellow (Tach), Blue (PWM)  
Mounting Orientation: Any

Designed specifically for high-performance computing environments, the PVA080E12Q-P08-BB excels in server rack cooling and CPU thermal regulation where vertical clearance is limited. Its slim 15mm profile allows for seamless integration into compact 1U and 2U server chassis, network switches, and industrial power supply units. The PVA080E12Q-P08-BB is also frequently deployed in workstation cooling solutions and precision medical instrumentation, providing critical airflow to sensitive components while utilizing PWM control to adapt to varying thermal loads efficiently.

## Supplemental Images

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