

# PVA080G12Q-PA7-AE Foxconn 12VDC 80mm PWM Axial Fan Datasheet



**Brand:** Foxconn

**SKU:** [854649447107](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page:

<https://www.equipspares.com/product/pva080g12q-pa7-ae-foxconn-12vdc-80mm-pwm-axial-fan>

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## Product Description

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The Foxconn PVA080G12Q-PA7-AE is a high-performance DC Axial Fan engineered for critical thermal management in dense electronic enclosures. Utilizing a sophisticated brushless DC motor architecture, this unit operates efficiently on a 12VDC platform, delivering substantial airflow required to mitigate thermal impedance in restricted spaces. The fan features a specialized impeller design that optimizes static pressure capabilities, ensuring effective heat dissipation across heatsinks and through chassis obstructions. Constructed with structural rigidity in mind, the frame minimizes vibration-induced noise while the bearing system is calibrated for extended operational life under continuous load. This model incorporates Pulse Width Modulation (PWM) control, allowing for dynamic speed adjustment based on real-time thermal demands, balancing acoustic performance with cooling efficiency.

Model Number: PVA080G12Q-PA7-AE

Brand: Foxconn

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.65 A

Power Consumption: 7.8 W

Rated Speed: 4500 RPM (Estimated based on current)

Bearing Type: Hydraulic / Hydro Dynamic Bearing

Max. Air Flow: ~55.0 CFM

Max. Static Pressure: ~7.5 mmH<sub>2</sub>O

Dimensions: 80 x 80 x 25 mm

Weight: Approx. 90 g

Termination: 4-Wire Lead

Connector: 4-Pin PWM Header

Speed Control: PWM (Pulse Width Modulation)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Mounting Orientation: Any

Application: Lenovo Chassis / Server OEM

Features: Locked Rotor Protection, Auto Restart

This cooling component is widely utilized in enterprise-grade hardware, specifically serving as a direct OEM replacement for Lenovo chassis cooling systems and server racks. The PVA080G12Q-PA7-AE is essential for maintaining thermal stability in workstations, preventing component degradation due to heat accumulation. Beyond IT infrastructure, the PVA080G12Q-PA7-AE is suitable for industrial automation cabinets and telecommunications equipment where reliable, high-static pressure airflow is required to penetrate dense component layouts.

## Supplemental Images

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