

PIE060M12H-P19-AB Foxconn 12VDC 60x60x56mm Dual Motor Axial Fan Datasheet



Brand: Foxconn

SKU: [1016197572838](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Description

The Foxconn PIE060M12H-P19-AB is a high-performance counter-rotating axial fan designed for extreme thermal management applications. Engineered with a robust dual-motor architecture, this unit delivers exceptional static pressure capabilities required for overcoming high impedance in dense server chassis and telecommunications equipment. The aerodynamic design features contra-rotating blade assemblies that straighten airflow and maximize velocity, significantly reducing flow separation and turbulence. Constructed with precision ball bearings and a reinforced frame, the PIE060M12H-P19-AB ensures structural rigidity and operational longevity under continuous high-load conditions, making it an ideal solution for critical industrial cooling requirements where standard single-stage fans are insufficient.

Model Number: PIE060M12H-P19-AB

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Product Type: DC Axial Fan (Counter-Rotating)

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 11.0 A

Power: 132.0 W

Rated Speed: 18500 RPM (Inlet) / 16000 RPM (Outlet)
Bearing Type: Dual Ball Bearing
Max. Air Flow: 245.0 CFM (416.2 m³/h / 6.93 m³/min)
Max. Static Pressure: 125.4 mmH₂O (1229 Pa / 4.93 inH₂O)
Dimensions: 60 x 60 x 56 mm
Weight: 235 g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: PWM / Tachometer
Ingress Protection: IP40
Insulation Class: Class A
Noise Level: 78.5 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: Lead Wires (Red/Orange: Positive, Black/Grey: Negative)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Mounting Orientation: Any
Certifications: UL, cUL, TUV, CE
Protection: Locked Rotor Protection, Polarity Protection

The PIE060M12H-P19-AB is specifically engineered for environments requiring rapid heat dissipation, such as high-density blade servers, enterprise storage arrays, and cryptocurrency mining rigs. Its compact yet powerful form factor allows it to fit into 1U and 2U enclosures where space is limited but airflow demand is critical. Additionally, the PIE060M12H-P19-AB is frequently utilized in precision medical instrumentation and industrial automation systems where maintaining optimal operating temperatures is essential for component reliability and system stability.

Supplemental Images

