PIE120R48H Foxconn 48VDC 120mm PWM Server Cooling Fan Datasheet

Brand: Foxconn

SKU: 1007471167178

Category: Axial & Centrifugal Fans

Price: **$55.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/pie120r48h-foxconn-48vdc-120mm-pwm-server-cooling-fan

Product Description

The Foxconn PIE120R48H is a specialized DC Brushless Fan engineered for demanding industrial and server-grade thermal management applications. Designed with a robust 120mm frame, this unit operates at a rated voltage of 48VDC with a high-current configuration, indicating a high-torque motor optimized for overcoming significant static pressure resistance. The fan features a 4-wire interface supporting PWM speed control, allowing for precise modulation of airflow based on real-time thermal loads. Its aerodynamic impeller design minimizes turbulence while maximizing air throughput, ensuring efficient heat dissipation in high-density electronic enclosures. Constructed for durability, the unit maintains structural rigidity under continuous operation, reducing vibration and enhancing overall system reliability.

Model Number: PIE120R48H
Brand: Foxconn
Product Type: DC Brushless Axial Fan
Rated Voltage: 48 VDC
Rated Current: 18.5 A
Dimensions: 120 mm
Termination: 4-Wire Interface
Bearing Type: Precision Ball Bearing
Speed Control: PWM / Tachometer Support

Max. Air Flow: High Airflow Profile
Max. Static Pressure: High Static Pressure Profile
Housing Material: Industrial Grade Thermoplastic
Blade Material: Reinforced Plastic
Mounting Orientation: Flange Mount
Condition: Original / Like New

The PIE120R48H is specifically calibrated for integration into high-performance server racks and telecommunications infrastructure where consistent airflow is critical. This model excels in cooling large-scale power supply units and industrial automation equipment that generate significant thermal output. By utilizing the PIE120R48H, facility operators can ensure stable operating temperatures for sensitive components, preventing thermal throttling in data centers and extending the operational lifespan of mission-critical hardware.

Supplemental Images


FOXCONN
DC Brushless Fan
Model: PIE120R48H
DC 48 V 18.50 A