

PVB120M12H-P01-AE Foxconn 12VDC 120mm 19-Blade Blower Datasheet



Brand: Foxconn

SKU: [960115133350](#)

Category: Axial & Centrifugal Fans

Price: **\$30.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pvb120m12h-p01-ae-foxconn-12vdc-120mm-19-blade-blower>

Product Description

The Foxconn PVB120M12H-P01-AE is a high-efficiency Centrifugal Blower designed specifically for the thermal demands of next-generation gaming hardware. Engineered with a robust DC brushless motor, this unit operates at 12VDC with a substantial current rating of 1.8A, delivering the high torque necessary to drive its high-density impeller. The aerodynamic design incorporates a 19-blade configuration, meticulously balanced to maximize static pressure while minimizing turbulence and acoustic resonance. This specific geometry is critical for overcoming the high thermal impedance found in compact, densely packed electronic enclosures. The fan features a durable housing structure that maintains dimensional stability under thermal stress, ensuring reliable long-term operation and consistent cooling performance for critical processing units.

Model Number: PVB120M12H-P01-AE

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Product Type: Centrifugal Blower / Internal Cooling Fan

Compatible Device: Sony PlayStation 5 Pro (PS5 Pro)

Rated Voltage: 12 VDC

Rated Current: 1.8 A

Power Consumption: 21.6 W

Blade Count: 19 Blades

Bearing Type: Precision Fluid Dynamic Bearing (FDB)

Connector Type: 3-Pin Proprietary Header

Dimensions: 120mm Class (Irregular OEM Frame)

Impeller Material: Reinforced Plastic (UL94V-0)

Frame Material: Reinforced Plastic (UL94V-0)

Speed Control: PWM (Pulse Width Modulation)

Cooling Method: Active Air Cooling

Mounting Style: Internal Chassis Mount

Wire Count: 3 Wires

Application: Game Console Thermal Management

Condition: OEM Original

The PVB120M12H-P01-AE is the designated active cooling component for the Sony PlayStation 5 Pro, tasked with dissipating heat generated by the console's high-performance APU. Installers and technicians utilize the PVB120M12H-P01-AE to restore factory-level thermal efficiency in units suffering from fan bearing degradation or motor failure. Its high-static pressure capabilities also make it suitable for specialized custom electronics projects requiring a 12V blower with a compact footprint and significant air displacement capabilities.

Supplemental Images

