

XB601512HHS4B01F22 YINGFAN 12VDC 60x60x15mm Axial Fan Datasheet



SKU: [1009933676838](#)

Category: Axial & Centrifugal Fans

Price: **\$27.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

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Product Description

YINGFAN XB601512HHS4B01F22 is a 12VDC 60x60x15mm axial fan optimized for overcoming high thermal impedance in ultra-compact electronic enclosures. Utilizing an advanced brushless DC motor architecture and a precision-engineered bearing system, this unit ensures exceptional structural rigidity and long-term reliability. The aerodynamic blade design maximizes airflow efficiency while maintaining a low acoustic profile, making it an ideal replacement fan for densely packed systems. Operating at a rated current of 0.25A with integrated 4-wire PWM speed control, it allows for dynamic thermal regulation, precisely matching cooling output to system demands in laptops and all-in-one PCs.

Model Number: XB601512HHS4B01F22

Brand: YINGFAN

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.25 A

Power: 3.0 W

Dimensions: 60 x 60 x 15 mm

Termination: 4-Wire Lead

Speed Control: PWM Supported

Motor Technology: Brushless DC

Equipment Compatibility: Laptops, All-in-One PCs

XB601512HHS4B01F22 Applications

1. All-in-One PC Thermal Management: The slim 15mm profile and 4-wire PWM control allow for dynamic acoustic and thermal regulation, overcoming high system impedance in densely packed chassis.
2. Laptop Cooling Replacement Fan: Precision 0.25A DC motor provides the exact airflow-to-power ratio required to maintain structural rigidity and prevent thermal throttling in mobile workstations.
3. Compact Electronics Enclosures: Ideal for micro-niche hardware requiring targeted spot cooling where standard 25mm thick fans cannot fit, ensuring optimal heat dissipation.

Supplemental Images

