DFS5K12304363P FCN 5VDC 0.5A HP ProBook Blower Fan Datasheet

Brand: FCN

SKU: 758566721418

Category: Axial & Centrifugal Fans

Price: **$21.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/dfs5k12304363p-fcn-5vdc-0-5a-hp-probook-blower-fan

Product Description

FCN DFS5K12304363P is a 5VDC centrifugal blower optimized for high-density thermal management in ultra-thin computing architectures. Engineered with a precision DC brushless motor and advanced fluid dynamic bearing architecture, this unit ensures minimal thermal impedance and maximum structural rigidity under continuous load. The aerodynamic impeller design accelerates lateral airflow, effectively dissipating heat from critical CPU and GPU components. Operating at a rated current of 0.5A and consuming 2.5W of power, it delivers an optimal balance of static pressure and acoustic efficiency. This OEM replacement fan is specifically calibrated for seamless integration into HP ProBook and ENVY series laptops, restoring factory-level thermal dissipation and preventing thermal throttling in space-constrained chassis environments.

Model Number: DFS5K12304363P
Brand: FCN
Product Type: Centrifugal Blower Fan
Rated Voltage: 5 VDC
Rated Current: 0.5 A
Power: 2.5 W
Bearing Type: Fluid Dynamic Bearing (FDB)
Motor Technology: DC Brushless
Housing Material: High-Density Polymer (UL94V-0)

Blade Material: High-Density Polymer (UL94V-0)
Termination: 4-Wire Connector
Speed Control: PWM Supported
Compatibility: HP ProBook 470 G8, 470 G9, ENVY 17-CN, 17-CP, 17-DN
Application Type: OEM Replacement Cooling Module

DFS5K12304363P Applications
1. HP ProBook 470 G8/G9 Workstations: Overcomes high system impedance within the ultra-thin chassis, ensuring sustained CPU performance by preventing thermal throttling during intensive computational tasks.
2. HP ENVY 17-CN/CP/DN Series Laptops: Provides low-vibration, acoustically optimized lateral exhaust, making it the ideal replacement fan for maintaining thermal equilibrium in premium multimedia environments.
3. Compact Mobile Computing Nodes: Delivers targeted static pressure at 0.5A to force ambient air across densely packed heat pipe arrays, maximizing heat transfer efficiency in micro-niche portable electronics.

Supplemental Images


FCN CQ
BRUSHLESS MOTOR
FNH9 DC5V 0.5A
6033B0092801
REV:A02
DFS5K12304363P
MADE IN CHINA