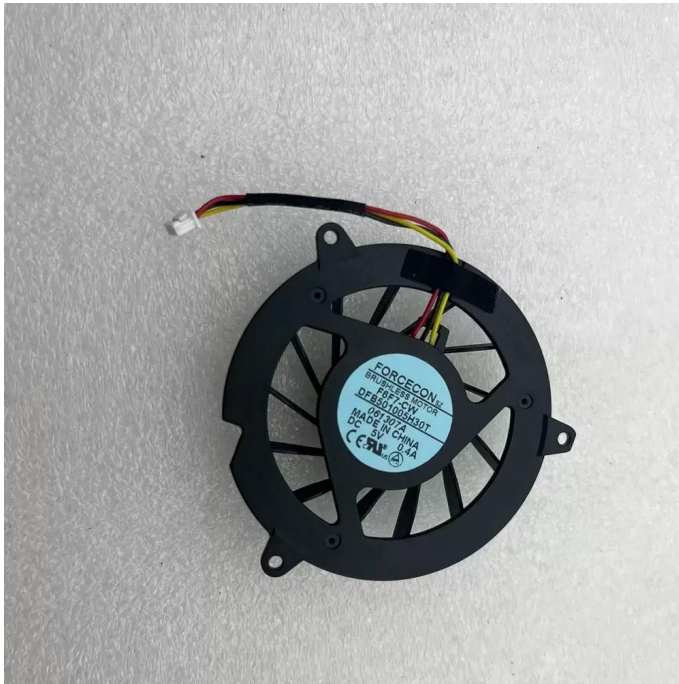


DFB501005H30T FORCECON 5VDC F6F7-CW CPU Blower Fan Datasheet



SKU: [923338566800](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/dfb501005h30t-forcecon-5vdc-f6f7-cw-cpu-blower-fan>

Product Description

The FORCECON DFB501005H30T is a specialized Centrifugal Blower designed for precision thermal management within compact mobile computing environments. Utilizing advanced DC brushless motor technology, this unit ensures optimal rotational stability and reduced electromagnetic interference. The aerodynamic impeller design maximizes static pressure generation, effectively overcoming the high thermal impedance found in laptop chassis heat pipe assemblies. Engineered with a robust bearing architecture, it maintains structural rigidity under thermal stress, delivering consistent airflow to critical semiconductor components while minimizing acoustic resonance during operation.

Model Number: DFB501005H30T

Compatible Part Number: F6F7-CW

Brand: FORCECON

Product Type: Centrifugal Laptop CPU Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.50 A

Power Connector: 3-Pin Header

Wire Count: 3 Wires

Bearing Type: Hydraulic Bearing

Cooling Technology: Active Air Cooling

Motor Type: DC Brushless

Housing Material: Polybutylene Terephthalate (PBT)

Impeller Material: Plastic UL94V-0

Mounting Type: Screw Mounting

Compatible Series: Acer Aspire 3050, 5050, 4310, 4710, 4920, 5920

Operating Temperature: -10°C to +70°C

Life Expectancy: 40,000 Hours at 40°C

Application: Laptop CPU/GPU Cooling

This cooling solution is primarily deployed in mobile computing hardware, specifically serving as the primary thermal exhaust unit for the Acer Aspire series. The DFB501005H30T is critical for maintaining safe operating temperatures in models such as the Aspire 3050, 5050, and 5920, preventing thermal throttling during processor-intensive tasks. Technicians utilize the DFB501005H30T for refurbishment and repair of aging laptops, ensuring the heat dissipation system functions efficiently to prolong the lifespan of the CPU and GPU within the confined chassis of portable workstations.

Supplemental Images

