

EG50040S1-CX70-S9A SUNON DC5V 2.5W Laptop Blower Fan Datasheet



Brand: SUNON

SKU: 1036319051575

Category: Axial & Centrifugal Fans

Price: **\$23.63**

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Product Page:

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Product Description

The SUNON EG50040S1-CX70-S9A is a high-performance DC brushless blower designed for precision thermal management in compact computing environments. Engineered with Sunon's proprietary MagLev motor technology, this unit eliminates mechanical friction to ensure extended operational longevity and reduced acoustic output. Operating at a nominal 5VDC with a 2.5W power rating, it delivers a concentrated 2.6CFM airflow through a specialized 4-pin PWM interface, allowing for dynamic speed control based on real-time thermal loads. The assembly features a robust sleeve bearing system optimized for horizontal and vertical orientations within slim-profile laptop chassis.

EG50040S1-CX70-S9A Specifications

Model Number: EG50040S1-CX70-S9A

Brand: SUNON

Product Category: DC Blower / Laptop Cooling Fan

Rated Voltage: 5VDC

Operating Voltage Range: 3.5 to 5.5VDC

Rated Power: 2.50W

Rated Current: 0.50A

Connector Type: 4-Pin PWM (Pulse Width Modulation)

Airflow: 2.6CFM

Bearing Type: MagLev / Sleeve System

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Dimensions: 67.5mm x 54.0mm x 5.6mm

Weight: 25g

Motor Protection: Auto Restart, Polarity Protection

Operating Temperature: -10 to +70°C

Storage Temperature: -40 to +70°C

Compliance: RoHS, CE, TUV, UL

HP Spare Parts: N86643-001, N93771-001

Compatibility: HP 16-AC, HP 16-AD, TPN-C174, TPN-C175 Series

EG50040S1-CX70-S9A Applications

Active thermal dissipation for HP 16-AC and 16-AD series laptops, TPN-C174/C175 mobile workstations, and ultra-thin notebook internal heat sink assemblies.

Supplemental Images

