

# EF50060S1-C470-G9A SUNON 5VDC 0.40A 50mm Blower Fan Datasheet



**Brand:** SUNON

**SKU:** [1023713647322](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$19.99**

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Product Page:

<https://www.equipspares.com/product/ef50060s1-c470-g9a-sunon-5vdc-0-40a-50mm-blower-fan>

## Product Description

The SUNON EF50060S1-C470-G9A is a DC Blower Fan engineered for high-density thermal management in compact mobile computing environments. Utilizing advanced brushless motor technology, this unit is optimized for low thermal impedance and high structural rigidity within a slim-profile form factor. The aerodynamic impeller design is specifically calibrated to maximize static pressure while maintaining minimal acoustic signatures. Its sleeve bearing architecture ensures reliable operation under varying mounting orientations, providing a stable cooling solution for integrated circuits and heat sink assemblies that require precise airflow redirection.

Model Number: EF50060S1-C470-G9A

Brand: SUNON

Product Type: DC Blower Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.40A

Power: 2.0W

Rated Speed: 4500 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 3.5 CFM

Max. Static Pressure: 0.45 inH<sub>2</sub>O

Dimensions: 50mm x 50mm x 6mm

Weight: 25g

Life Expectancy: 30,000 Hours at 40C

Termination: 3-Wire Lead (Tachometer/Signal)

Connector: Dell Proprietary 0X6K70

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +70C

Protection Features: Locked Rotor Protection, Auto Restart

Certifications: CE, TUV, UL, RoHS

This cooling component is primarily utilized as the primary thermal dissipation unit for Dell Latitude 3480 and 3580 series laptops. The EF50060S1-C470-G9A is essential for maintaining optimal CPU temperatures during high-load processing tasks, preventing thermal throttling in P79G chassis models. Due to its specialized slim blower geometry, the EF50060S1-C470-G9A is also suitable for ultra-thin industrial controllers and portable medical diagnostic equipment where vertical space is severely restricted.

## Supplemental Images

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