

EG50040S1-CC50-S9A Sunon 5VDC 50mm Laptop Blower Fan Datasheet



Brand: SUNON

SKU: [610280952980](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/eg50040s1-cc50-s9a-sunon-5vdc-50mm-laptop-blower-fan>

Product Description

The Sunon EG50040S1-CC50-S9A is a high-precision laptop blower fan engineered for the thermal requirements of modern ultra-thin mobile devices. Operating at 5VDC with a 2.25W power rating, this industrial cooling fan is specifically designed for the Lenovo V330S and Xiaoxin Chao 7000-13 series. Utilizing a Vapo bearing system and a 4-pin PWM interface, the EG50040S1-CC50-S9A delivers efficient heat extraction with a compact 50x50x5mm footprint. This DC brushless blower ensures optimal airflow and static pressure to prevent thermal throttling in high-performance laptop environments, providing a durable and quiet cooling solution for critical internal hardware.

Model Number: EG50040S1-CC50-S9A

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Product Type: Laptop Blower Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.45A

Power: 2.25W

Rated Speed: 4800 RPM

Bearing Type: Vapo Bearing

Max. Air Flow: 4.2 CFM (7.1 m³/h / 0.12 m³/min)

Max. Static Pressure: 12.5 mmH₂O (122.5 Pa / 0.49 inH₂O)

Dimensions: 50x50x5mm

Weight: 15g

Life Expectancy: 50,000 Hours

Termination: 4-Pin 4-Wire

Speed Control: PWM

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10 to +70 C

Storage Temperature: -40 to +70 C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: CE, TUV, UL

The EG50040S1-CC50-S9A is primarily integrated into the cooling assemblies of Lenovo V330S and Xiaoxin Chao 7000-13 ultra-portable notebooks. As a dedicated thermal component, the EG50040S1-CC50-S9A ensures consistent heat dissipation from the processor and motherboard within the confined spaces of slim laptop chassis.

Supplemental Images

