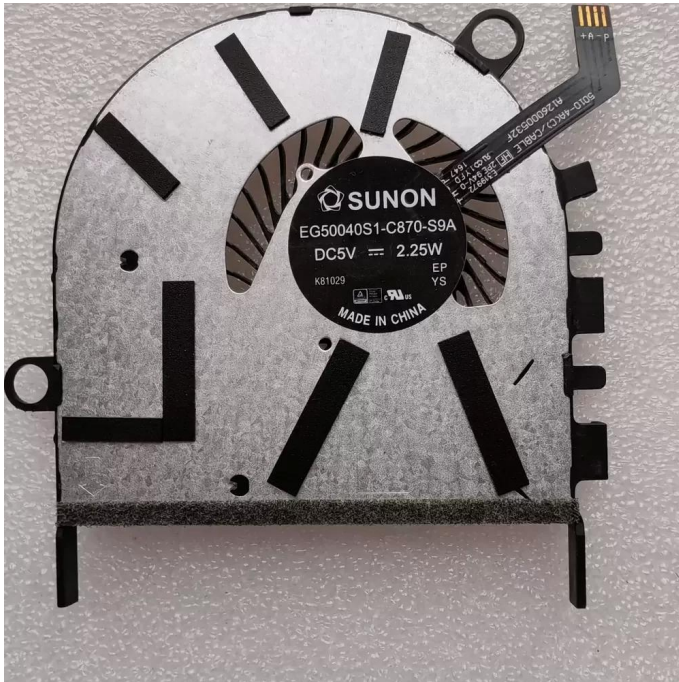


EG50040S1-C870-S9A SUNON DC5V 2.25W Laptop Cooling Fan Datasheet



Brand: SUNON

SKU: [951738233747](#)

Category: Axial & Centrifugal Fans

Price: **\$25.00**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/eg50040s1-c870-s9a-sunon-dc5v-2-25w-laptop-cooling-fan>

Product Description

The SUNON EG50040S1-C870-S9A is a high-performance DC brushless blower fan featuring a compact 50 mm footprint and a nominal operating voltage of 5 VDC. This cooling unit is constructed with a hybrid copper and aluminum heatsink module to maximize thermal dissipation efficiency. It utilizes a fluid dynamic bearing system designed for extended operational longevity, rated at 100,000 hours. The electrical interface consists of a 4-wire, 4-pin connector supporting PWM speed control for precise thermal management. The internal motor is rated at 2.25 W, providing high-static pressure airflow through a side-discharge blower housing to maintain optimal thermal gradients within low-profile enclosures.

EG50040S1-C870-S9A Specifications

Model Number: EG50040S1-C870-S9A

Brand: SUNON

Product Category: Laptop CPU Cooling Fan

Nominal Voltage: 5 VDC

Power Consumption: 2.25 W

Connector Type: 4-Pin

Wiring Configuration: 4-Wire

Bearing Type: Fluid Dynamic Bearing

Heatsink Material: Copper and Aluminum

Fan Life Expectancy: 100,000 hours

Compatible Brand: Lenovo

Part Number: AT1QK001SS0 / AT1XB002SS0

Cooling Type: Active Blower

Mounting Type: Internal Screw Mount

EG50040S1-C870-S9A Applications

Primary applications include integration into Lenovo Air 13 Pro series laptop chassis for active processor thermal regulation. Deployed within ultra-portable notebook cooling modules to prevent CPU throttling during high-load computational tasks.

Supplemental Images

