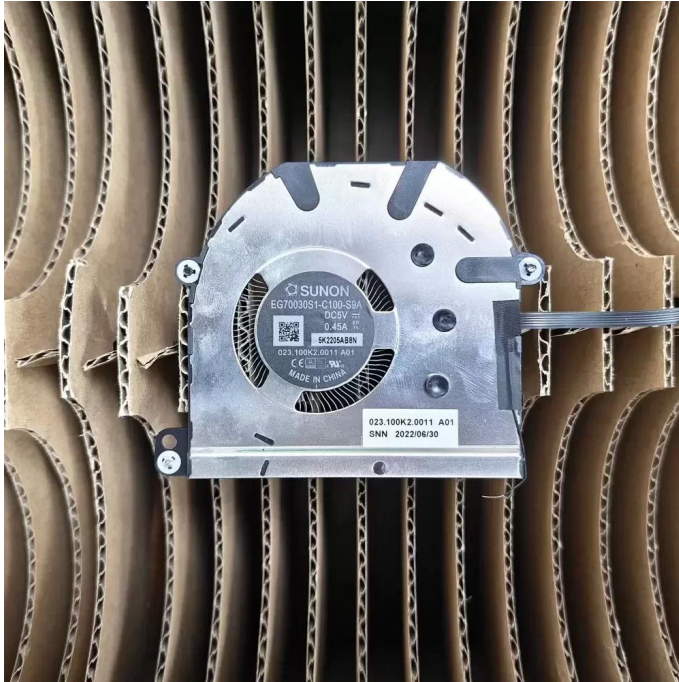


EG70030S1-C100-S9A SUNON 5VDC MagLev Laptop Blower Fan Datasheet



Brand: SUNON

SKU: [1017190270213](#)

Category: Axial & Centrifugal Fans

Price: **\$36.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/eg70030s1-c100-s9a-sunon-5vdc-maglev-laptop-blower-fan>

Product Description

The SUNON EG70030S1-C100-S9A is a precision-engineered centrifugal blower designed specifically for high-density mobile computing environments, notably the Lenovo Thinkpad X1 Titanium series. Utilizing Sunon's proprietary MagLev (Magnetic Levitation) technology, this unit eliminates physical contact between the shaft and bearing, significantly reducing friction and acoustic noise while enhancing thermal impedance management. The fan features a specialized impeller geometry optimized for restricted airflow pathways, ensuring maximum static pressure delivery within the ultra-thin chassis of modern ultrabooks. Its robust construction ensures structural rigidity under thermal stress, providing reliable heat dissipation for critical processor components and maintaining system stability under heavy processing loads.

Model Number: EG70030S1-C100-S9A

Brand: SUNON

Product Type: Centrifugal Laptop Blower / Cooling Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.45 A

Power Consumption: 2.25 W

Bearing Type: MagLev (Magnetic Levitation)

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Assembly

Connector Type: 4-Pin Proprietary Header

Material: PBT Plastic / Copper Alloy

Application: Lenovo Thinkpad X1 Titanium

Condition: New Original

Cooling Method: Active Air Cooling

Mounting Style: Integrated Chassis Mount

Noise Level: Low Acoustic Profile

Operating Temperature: -10 to 70 Degrees Celsius

This cooling module is specifically calibrated for the Lenovo Thinkpad X1 Titanium series, serving as a direct replacement for failing, noisy, or seized OEM units. The EG70030S1-C100-S9A ensures optimal operating temperatures for the CPU and GPU, preventing thermal throttling during intensive tasks such as compiling code or rendering video. IT technicians and repair specialists utilize the EG70030S1-C100-S9A to restore factory thermal performance in enterprise-grade laptops, ensuring system stability and prolonging the lifespan of the motherboard components in professional mobile workstations.

Supplemental Images

