

EG75100S1-1C010-S9A SUNON 5VDC 2.25W 75mm Blower Fan Datasheet

Brand: SUNON

SKU: 1012671276126

Category: Axial & Centrifugal Fans

Price: \$17.99

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Product Page:

<https://www.equipspares.com/product/eg75100s1-1c010-s9a-sunon-5vdc-2-25w-75mm-blower-fan>

Product Description

The SUNON EG75100S1-1C010-S9A is a high-performance DC blower engineered for critical thermal management in mobile computing systems. Operating at a rated 5VDC with a power consumption of 2.25W, this 75mm cooling unit features SUNON's patented MagLev bearing system, which significantly reduces noise and extends service life compared to traditional bearings. The integrated 4-wire interface supports precise PWM speed control and tachometer feedback, ensuring efficient heat dissipation for high-load components. Optimized for the Lenovo Legion Y7000P and Y530P series, this industrial-grade fan delivers the high static pressure required for compact laptop heat sinks, maintaining system stability during intensive CPU and GPU operations.

Model Number: EG75100S1-1C010-S9A

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Product Type: Blower

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.45A

Power: 2.25W

Rated Speed: 4500 RPM

Bearing Type: MagLev

Max. Air Flow: 12.5 CFM (21.2 m³/h / 0.35 m³/min)

Max. Static Pressure: 15.2 mmH₂O (149.1 Pa / 0.60 inH₂O)

Dimensions: 75x75x10mm

Weight: 45g

Life Expectancy: 70,000 Hours at 40C

Speed Control: PWM

Signal Output: Tachometer

Termination: 4-Pin Connector

Operating Temperature: -10 to +70 C

Housing Material: Thermoplastic PBT UL94V-0

Blade Material: Thermoplastic PBT UL94V-0

Protection: Auto Restart, Polarity Protection

The EG75100S1-1C010-S9A is specifically designed for integration into the internal cooling assemblies of high-performance gaming laptops. As a dedicated thermal solution, the EG75100S1-1C010-S9A is the primary component for heat extraction in the Lenovo Legion Y7000P, Y530P, and Y7000P-2018 models, ensuring the CPU and GPU remain within safe operating temperatures during heavy processing tasks.

Supplemental Images

