

EG75070S1-C611-S9A SUNON 5VDC 75mm Blower Fan Datasheet



Brand: SUNON

SKU: [997234920992](#)

Category: Axial & Centrifugal Fans

Price: **\$25.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/eg75070s1-c611-s9a-sunon-5vdc-75mm-blower-fan>

Product Description

SUNON EG75070S1-C611-S9A is a 5VDC 75mm Blower Fan optimized for localized thermal dissipation in ultra-thin workstation architectures. By maintaining a concentrated laminar airflow profile, this unit prevents heat soak in high-density GPU environments where traditional axial flow is restricted. The integrated 4-wire PWM control circuit allows for precise RPM modulation based on real-time thermal loads, ensuring the 0.50A motor only draws peak power during intensive compute cycles. This 75x70x7mm Blower Fan utilizes a specialized impeller geometry to generate the static pressure required to push air through dense copper fin stacks, effectively mitigating the risk of thermal throttling in professional mobile workstations.

Model Number: EG75070S1-C611-S9A

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Product Type: DC Centrifugal Blower

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.50A

Power: 2.5W

Rated Speed: 4500 RPM

Bearing Type: MagLev / Vapo Bearing System

Max. Air Flow: 6.8 CFM

Max. Static Pressure: 12.4 mmH₂O

Dimensions: 75mm x 70mm x 7mm

Weight: 28g

Life Expectancy: 50,000 Hours at 40C

Speed Control: PWM (Pulse Width Modulation)

Feedback: Tachometer / Frequency Generator

Termination: 4-Pin / 4-Wire Connector

Housing Material: UL94V-0 Thermoplastic

Blade Material: UL94V-0 Thermoplastic

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +70C

Protection Features: Auto-Restart, Locked Rotor Protection

Compatibility: HP ZBook Power 15 G7, G8, G9; Zhan 99 G3I, G4I

Regulatory Compliance: CE, TUV, UL, RoHS

Applications & Industry Use Cases

1. Mobile Workstations: Replacement fan for HP ZBook Power 15 G7/G8/G9 GPU cooling modules.
2. 2U Rackmount Chassis: Compact blower for localized VRM cooling in shallow depth enclosures.
3. Industrial PLCs: Integrated thermal management for DIN-rail mounted controllers requiring side-exhaust airflow.
4. Telecom Edge Routing: High-static pressure cooling for SFP modules in restricted airflow paths.
5. VFD Control Cabinets: Targeted heat extraction for internal power electronics to prevent resonance.

Supplemental Images

