

EFB0251S3-C010-S9A SUNON 12VDC 4-Wire Blower Fan Datasheet



Brand: SUNON

SKU: [668733105265](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/efb0251s3-c010-s9a-sunon-12vdc-4-wire-blower-fan>

Product Description

The SUNON EFB0251S3-C010-S9A is a specialized centrifugal blower designed to deliver concentrated airflow in space-constrained electronic environments. Engineered with SUNON's advanced motor technology, this 12VDC unit provides high static pressure capabilities essential for overcoming the thermal impedance found in All-in-One (AIO) chassis and compact industrial enclosures. The blower features a 4-wire configuration, supporting Pulse Width Modulation (PWM) for precise speed regulation, allowing the system to dynamically balance acoustic performance with cooling demand. Its aerodynamic turbine design ensures structural rigidity and efficient heat dissipation, making it a critical component for maintaining optimal operating temperatures in integrated computing hardware.

Model Number: EFB0251S3-C010-S9A

Brand: SUNON

Product Type: Centrifugal Blower / Turbine Fan

Rated Voltage: 12 VDC

Power Consumption: 3.24 W

Connector Type: 4-Pin / 4-Wire

Speed Control: PWM (Pulse Width Modulation)

Application: Lenovo S560 / S562 All-in-One PC

Design: Turbo Blower

Mounting Style: Flange Mount

Material: Thermoplastic UL94V-0

Cooling Method: Active Air Cooling

Wire Configuration: Red (+), Black (-), Yellow (Sensor), Blue (PWM)

The EFB0251S3-C010-S9A is primarily utilized as a direct replacement cooling solution for Lenovo S560 and S562 All-in-One desktop systems, where it manages the thermal load of the central processing unit and adjacent components. Its compact blower form factor allows it to fit seamlessly into the slim profiles of modern AIO casings, directing exhaust heat out of the chassis efficiently. Additionally, the EFB0251S3-C010-S9A is suitable for use in custom embedded projects, small form factor (SFF) PCs, and industrial terminals that require a reliable 12VDC blower with PWM control to prevent thermal throttling in restricted spaces.

Supplemental Images

