

# GFM0812DU-A08 Delta 12VDC 80x80x80mm Dual Rotor Axial Fan Datasheet



**Brand:** Delta

**SKU:** [996474986755](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$21.99**

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Product Page:

<https://www.equipspares.com/product/gfm0812du-a08-delta-12vdc-80x80x80mm-dual-rotor-axial-fan>

## Product Description

The Delta GFM0812DU-A08 is a DC Axial Fan engineered for extreme thermal management in high-density computing environments. Utilizing a counter-rotating dual-rotor architecture, this unit significantly reduces thermal impedance by generating exceptional static pressure and airflow. The motor technology is optimized for 12VDC operation at a high current draw of 14.00A, ensuring structural rigidity under intense aerodynamic loads. Equipped with a precision dual ball bearing system, the GFM0812DU-A08 offers extended service life and reliability in mission-critical industrial applications where consistent cooling performance is paramount for system stability.

Model Number: GFM0812DU-A08

Brand: Delta

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 14.00A

Power: 168.0W

Rated Speed: 14500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 162.45 CFM (276.0 m<sup>3</sup>/h / 4.60 m<sup>3</sup>/min)

Max. Static Pressure: 82.15 mmH<sub>2</sub>O (805.6 Pa / 3.23 inH<sub>2</sub>O)

Dimensions: 80x80x80mm

Weight: 560g

Life Expectancy: 70,000 Hours at 40°C

Termination: 8-pin Connector

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Speed Control: PWM Signal, Tachometer Output

The GFM0812DU-A08 is primarily deployed in high-performance server racks and enterprise-level networking hardware where concentrated heat dissipation is required. Industrial control systems and CNC machinery also utilize the GFM0812DU-A08 to maintain optimal operating temperatures within enclosed cabinets. Its robust design makes it suitable for telecommunications infrastructure and heavy-duty power supply units.

## Supplemental Images

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