

# GM2404PQB1-8A.B295.IP Sunon 24VDC 40x40x28mm MagLev Fan Datasheet



**Brand:** SUNON

**SKU:** 1004546038946

**Category:** Axial & Centrifugal Fans

**Price:** \$10.99

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Product Page:

<https://www.equipspares.com/product/gm2404pqb1-8a-b295-ip-sunon-24vdc-40x40x28mm-maglev-fan>

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## Product Description

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The Sunon GM2404PQB1-8A.B295.IP is a high-performance DC axial fan engineered for demanding thermal management applications requiring significant static pressure. Featuring Sunon's patented Magnetic Levitation (MagLev) motor technology, this unit eliminates physical contact between the shaft and bearing, resulting in zero friction, reduced vibration, and exceptional longevity compared to traditional bearing systems. The 40mm frame houses a precision-molded impeller designed to maximize airflow efficiency against high system impedance. Built with robust thermoplastic materials meeting UL94V-0 flammability standards, the fan ensures structural rigidity and reliable operation in harsh industrial environments, making it a critical component for maintaining optimal operating temperatures in dense electronic assemblies.

Model Number: GM2404PQB1-8A.B295.IP

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Power Consumption: 3.9 W

Rated Current: 0.163 A

Rated Speed: 13000 RPM

Max. Air Flow: 24.0 CFM (40.77 m<sup>3</sup>/h / 0.68 m<sup>3</sup>/min)

Max. Static Pressure: 0.80 inH<sub>2</sub>O (20.32 mmH<sub>2</sub>O / 199.2 Pa)

Dimensions: 40x40x28 mm

Bearing Type: MagLev (Magnetic Levitation System)

Noise Level: 52.0 dBA

Termination: 2-Wire Leads

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Weight: 42 g

Ingress Protection: IP Rated

Safety Certifications: UL, CUR, TUV

Direction of Rotation: Counter-clockwise facing blade

Designed for high-density electronics, the GM2404PQB1-8A.B295.IP is specifically optimized for 1U server racks, telecommunications switches, and network routers where space is limited and airflow resistance is high. The high static pressure capabilities of the GM2404PQB1-8A.B295.IP allow it to effectively force air through dense heatsinks and restricted chassis layouts. Additionally, this model is widely deployed in industrial automation equipment, power supply units, and medical devices requiring consistent, long-life cooling solutions.

## Supplemental Images

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