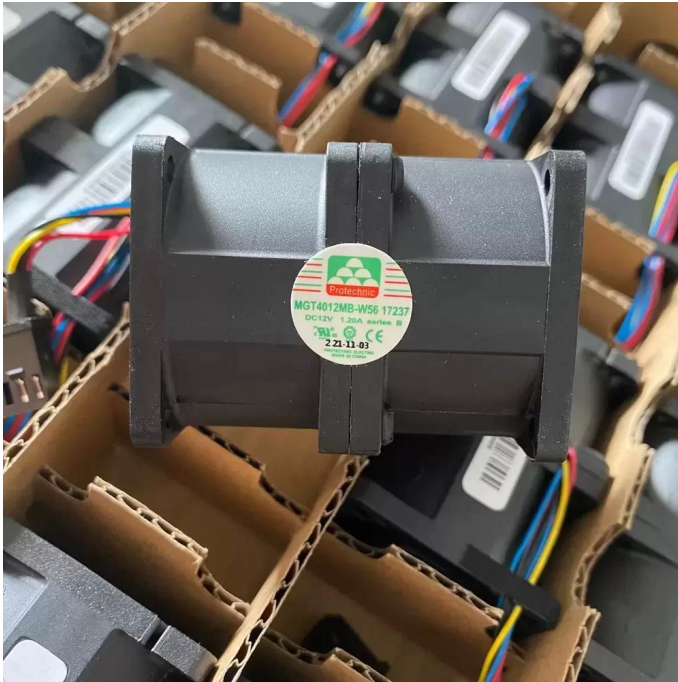


# MGT4012MB-W56 Magic 12VDC 40x40x56mm Counter-Rotating Fan Datasheet



**Brand:** Protechnic

**SKU:** [991704849724](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$10.99**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/mgt4012mb-w56-magic-12vdc-40x40x56mm-counter-rotating-fan>

## Product Description

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The Magic MGT4012MB-W56 is a precision-engineered dual axial fan designed for high-density thermal management applications. Utilizing advanced counter-rotating motor technology, this unit maximizes static pressure generation while mitigating backflow in restricted airflow environments. The assembly features a robust thermoplastic housing that ensures structural rigidity under high-velocity operation. Engineered with dual ball bearing architecture, the MGT4012MB-W56 delivers exceptional longevity and stability, effectively reducing thermal impedance in mission-critical server chassis. Its 4-wire PWM control interface allows for dynamic speed modulation, optimizing the balance between cooling performance and acoustic signature.

Model Number: MGT4012MB-W56

Brand: Magic (Protechnic Electric)

Product Type: DC Axial Fan (Dual Counter-Rotating)

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 1.20 A

Power Consumption: 14.40 W

Dimensions: 40 x 40 x 56 mm

Bearing Type: Dual Ball Bearing

Rated Speed: 13500 RPM (Inlet) / 11000 RPM (Outlet)  
Max. Air Flow: 26.5 CFM (45.0 m<sup>3</sup>/h / 0.75 m<sup>3</sup>/min)  
Max. Static Pressure: 2.30 inH<sub>2</sub>O (572 Pa / 58.4 mmH<sub>2</sub>O)  
Noise Level: 58.0 dB(A)  
Termination: 4-Wire Lead with 4-Pin Connector  
Speed Control: PWM (Pulse Width Modulation)  
Housing Material: PBT (UL94V-0)  
Blade Material: PBT (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Life Expectancy: 70,000 Hours at 40°C  
Ingress Protection: IP40  
Mounting Orientation: Any

Designed specifically for high-performance computing environments, the MGT4012MB-W56 is frequently deployed in 1U and 2U server racks where space is limited but cooling demands are extreme. This unit is an OEM component for Inspur server chassis, ensuring compatibility with proprietary thermal management systems. Beyond enterprise servers, the MGT4012MB-W56 is suitable for telecommunications equipment, RAID arrays, and industrial automation systems requiring high static pressure to overcome system impedance.

## Supplemental Images

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