

# D1225C12GT3000-PB Scythe 12VDC 120x120x25mm PWM Axial Fan Datasheet



**SKU:** [996558653810](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$30.99**

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Product Page:

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## Product Description

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The Scythe D1225C12GT3000-PB is a precision-engineered Axial Fan designed for demanding thermal management applications requiring high static pressure and consistent airflow. Utilizing advanced DC motor technology coupled with a robust Double Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic blade geometry is optimized to deliver superior performance while maintaining structural rigidity, effectively overcoming thermal impedance in dense heatsink or radiator configurations. Its Pulse Width Modulation (PWM) capability allows for dynamic speed regulation, balancing airflow requirements with acoustic performance in critical industrial and computing environments.

Model Number: D1225C12GT3000-PB

Brand: Scythe

Product Type: Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.25 A

Power Consumption: 3.00 W

Rated Speed: 3000 RPM ( $\pm 10\%$ )

Bearing Type: Double Ball Bearing

Max. Air Flow: 110.0 CFM (186.9 m<sup>3</sup>/h / 3.11 m<sup>3</sup>/min)

Max. Static Pressure: 4.5 mmH<sub>2</sub>O (44.13 Pa / 0.18 inH<sub>2</sub>O)

Dimensions: 120 x 120 x 25 mm

Noise Level: 45 dB(A)

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Pin Connector

Mounting Orientation: Any

Designed for high-impedance airflow environments, the D1225C12GT3000-PB excels in cooling dense radiator arrays and restricted chassis intakes where static pressure is paramount. This unit is frequently deployed in high-performance computing clusters, server rack ventilation, and industrial automation enclosures requiring consistent thermal dissipation. The D1225C12GT3000-PB ensures reliable operation in critical systems such as CNC control cabinets and telecommunications equipment, providing the necessary airflow to maintain optimal component temperatures under heavy workloads.

## Supplemental Images

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