

D1225C12GT3000-P Scythe 12VDC 120x120x25mm PWM Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$16.99**

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Product Description

The Scythe D1225C12GT3000-P is a high-performance Axial Fan engineered for demanding thermal management applications requiring superior static pressure and airflow efficiency. Belonging to the renowned Gentle Typhoon series, this unit features a specialized impeller design with swept blades that significantly reduces noise generation while maintaining high-velocity air movement, making it ideal for restrictive environments like radiators and heatsinks. The motor architecture utilizes a precision Double Ball Bearing system, ensuring exceptional rotational stability, reduced friction, and a prolonged operational lifespan under continuous load. Operating at 12VDC with Pulse Width Modulation (PWM) control, the D1225C12GT3000-P delivers precise speed regulation up to 3000 RPM, optimizing the balance between thermal impedance reduction and acoustic performance in high-density electronic systems.

Model Number: D1225C12GT3000-P

Brand: Scythe

Product Type: Axial Fan

Series: Gentle Typhoon

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.22A

Input Power: 2.64W

Rated Speed: 3000 RPM

Speed Control: PWM (Pulse Width Modulation)

Bearing Type: Double Ball Bearing

Max. Air Flow: 83.0 CFM (141.0 m³/h / 2.35 m³/min)

Max. Static Pressure: 5.1 mmH₂O (50.0 Pa / 0.20 inH₂O)

Dimensions: 120x120x25mm

Noise Level: 36.5 dB(A)

Termination: 4-Wire / 4-Pin Connector

Housing Material: PBT (UL94V-0)

Blade Material: Reinforced ABS

Operating Temperature: -10°C to +70°C

Life Expectancy: 100,000 Hours at 35°C

Mounting Orientation: Any

The D1225C12GT3000-P is specifically designed for high-resistance airflow environments, making it a premier choice for liquid cooling radiators and dense heatsink arrays where standard fans fail to penetrate. Its high static pressure capabilities ensure effective air delivery through restrictive fins in industrial workstations, gaming servers, and overclocked systems. Additionally, the D1225C12GT3000-P is suitable for telecommunications equipment and cabinet ventilation where reliable, high-velocity air movement is critical for maintaining component stability.

Supplemental Images

