

DAZG1225R2H-P049 AVC 12VDC 120x120x25mm 0.80A Axial Fan Datasheet



Brand: AVC

SKU: [684921933976](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/dazg1225r2h-p049-avc-12vdc-120x120x25mm-0-80a-axial-fan>

Product Description

The AVC DAZG1225R2H-P049 is a high-performance Axial Fan engineered for critical thermal regulation in dense computing architectures. Featuring a robust Hydraulic Bearing system, this unit ensures prolonged operational stability while mitigating frictional wear and acoustic noise. The 12VDC motor is driven by a 4-wire PWM interface, enabling precise speed modulation to match dynamic thermal impedance loads. Its 9-blade impeller design is aerodynamically optimized to generate significant static pressure, making it ideal for restrictive intake or exhaust applications. With a high current rating of 0.8A, this component delivers substantial airflow required for high-TDP processors and system components.

Model Number: DAZG1225R2H-P049

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.80 A

Power: 9.60 W

Rated Speed: 3500 RPM ($\pm 10\%$)

Bearing Type: Hydraulic Bearing

Max. Air Flow: 98.5 CFM (167.3 m³/h / 2.79 m³/min)

Max. Static Pressure: 7.2 mmH₂O (70.6 Pa / 0.28 inH₂O)

Dimensions: 120 x 120 x 25 mm

Weight: 165 g

Life Expectancy: 40,000 Hours at 40°C

Speed Control: 4-Wire PWM (Pulse Width Modulation)

Termination: 4-Pin Motherboard Header

Blade Count: 9 Blades

Housing Material: PBT Synthetic Plastic (UL94V-0)

Blade Material: PBT Synthetic Plastic (UL94V-0)

Color: Pure Black

Application: Lenovo Legion Blade 7000K/9000K (2022)

Originally integrated into the Lenovo Legion Blade 7000K and 9000K (2022) series, the DAZG1225R2H-P049 is a preferred choice for enthusiasts and system integrators requiring aggressive cooling performance. Its high-static pressure capabilities make the DAZG1225R2H-P049 suitable for radiator cooling, high-end gaming rigs, and industrial workstations where maintaining low component temperatures is paramount.

Supplemental Images

