

DAZF1225R2H-P001 AVC 12VDC 120x120x25mm PWM ARGB Axial Fan Datasheet



Brand: AVC

SKU: 948143669195

Category: Axial & Centrifugal Fans

Price: \$12.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/dazf1225r2h-p001-avc-12vdc-120x120x25mm-pwm-argb-axial-fan>

Product Description

The AVC DAZF1225R2H-P001 is a precision-engineered axial cooling solution designed for high-performance thermal management systems. Utilizing advanced hydraulic bearing architecture, this unit minimizes frictional resistance while maintaining structural rigidity under high-speed operation. The aerodynamic profile features a nine-blade impeller optimized to reduce turbulence and enhance static pressure delivery, ensuring efficient heat dissipation in restricted environments. Integrated with Pulse Width Modulation (PWM) control and Addressable RGB (ARGB) lighting interfaces, it balances acoustic performance with thermal efficiency, making it suitable for demanding computational workloads where thermal impedance must be strictly managed.

Model Number: DAZF1225R2H-P001

Brand: AVC (Asia Vital Components)

Product Type: Axial Fan

Rated Voltage: 12V DC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.80 A

Power: 9.60 W

Rated Speed: 800 - 2800 RPM (PWM Controlled)

Bearing Type: Hydraulic Sealed Bearing

Max. Air Flow: 85.0 CFM (144.4 m³/h)

Max. Static Pressure: 3.5 mmH₂O (34.3 Pa)

Dimensions: 120 x 120 x 25 mm

Weight: 165 g

Life Expectancy: 40,000 Hours at 40°C

Speed Control: 4-Pin PWM

Lighting Interface: 5V 3-Pin ARGB

Blade Count: 9 Blades

Material: Polybutylene Terephthalate (PBT) UL94V-0

Termination: 4-Wire Lead with Connector

Operating Temperature: -10°C to +70°C

Application: Lenovo Legion 9000K / 7000K Series

This cooling unit is specifically engineered for high-performance computing environments, serving as a direct replacement for Lenovo Legion 9000K and 7000K series desktops. The DAZF1225R2H-P001 excels in chassis ventilation and radiator cooling, effectively managing thermal loads generated by overclocked processors and high-end graphics cards. By integrating the DAZF1225R2H-P001 into custom builds or OEM repairs, system integrators ensure optimal airflow dynamics within server racks, gaming workstations, and precision electronic enclosures requiring synchronized ARGB aesthetics and robust thermal regulation.

Supplemental Images

