

BAZB0615R2U-P012 AVC 12VDC PWM Blower Fan Datasheet



Brand: AVC

SKU: [657005144710](#)

Category: Axial & Centrifugal Fans

Price: **\$25.99**

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/bazb0615r2u-p012-avc-12vdc-pwm-blower-fan>

Product Description

The AVC BAZB0615R2U-P012 is a specialized centrifugal blower designed for high-integration thermal management within compact chassis environments. Utilizing advanced hydraulic bearing technology, this unit minimizes frictional coefficients while maintaining structural rigidity under thermal stress. The aerodynamic profile of the impeller is engineered to optimize static pressure delivery, overcoming high thermal impedance in dense fin stacks found in All-In-One (AIO) computing systems. Its 4-wire PWM interface allows for precise rotational speed modulation, ensuring an optimal balance between acoustic signature and volumetric airflow performance, making it a critical component for precision cooling applications.

Model Number: BAZB0615R2U-P012

Brand: AVC (Asia Vital Components)

Product Type: Centrifugal Blower Fan

Rated Voltage: 12VDC

Rated Current: 0.25A

Power Input: 3.0W

Bearing Type: Hydraulic Bearing

Speed Control: PWM (Pulse Width Modulation)

Wire Configuration: 4-Wire

Connector Type: 4-Pin Motherboard Header

Compatible Part Numbers: P012, H2PCG, X01

Cooling Architecture: Radial Exhaust

Housing Material: Polybutylene Terephthalate (PBT)

Blade Material: Thermoplastic PBT (UL94V-0)

Application Segment: AIO PC / Integrated Workstations

Mounting Type: 3-Point Screw Mount

Signal Output: Tachometer (RPM Sensor)

Operating Temperature: -10°C to +70°C

Designed primarily for integrated computing solutions, the BAZB0615R2U-P012 serves as a critical cooling component in All-In-One (AIO) PCs and compact workstations. Its form factor allows it to fit seamlessly into the limited clearance zones of modern display chassis, effectively exhausting heat from CPU and GPU heat sinks. Maintenance technicians frequently utilize the BAZB0615R2U-P012 for repairing thermal throttling issues in specific HP or Lenovo AIO models, ensuring prolonged hardware lifespan and system stability in space-constrained electronics.

Supplemental Images

