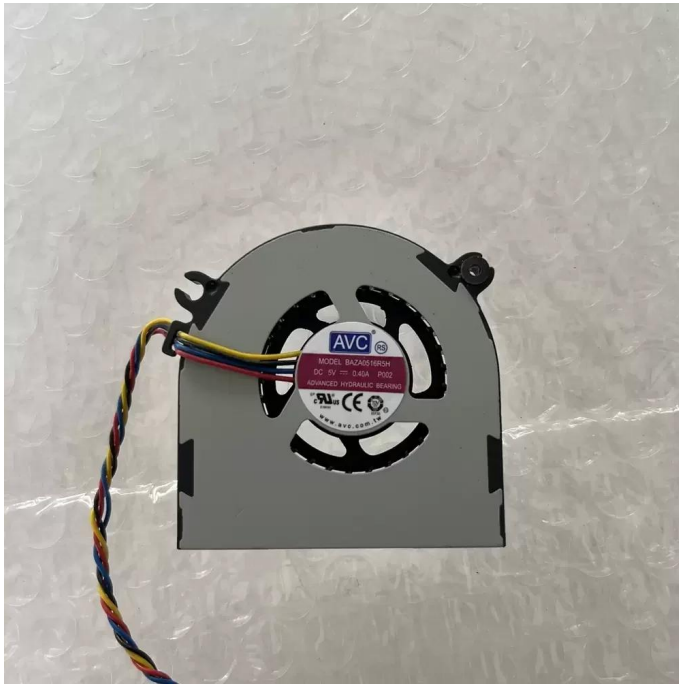


BAZA0516R5H-P002 AVC 5VDC 50mm PWM Centrifugal Blower Datasheet



Brand: AVC

SKU: [683227129281](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/baza0516r5h-p002-avc-5vdc-50mm-pwm-centrifugal-blower>

Product Description

The AVC BAZA0516R5H-P002 is a specialized centrifugal blower designed for compact thermal management in high-density projection equipment. Utilizing advanced DC motor technology and a precision-engineered hydraulic bearing system, this unit delivers concentrated airflow with optimized static pressure to overcome high thermal impedance within restricted enclosures. The aerodynamic volute design minimizes turbulence-induced noise while maintaining structural rigidity under continuous operation. Engineered for reliability, the BAZA0516R5H-P002 ensures efficient heat dissipation for sensitive optical components, featuring a 4-wire interface for precise Pulse Width Modulation (PWM) speed regulation.

Model Number: BAZA0516R5H-P002

Brand: AVC (Asia Vital Components)

Product Type: Centrifugal Blower / Projector Fan

Rated Voltage: 5VDC

Operating Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.40 A

Power Consumption: 2.0 W

Bearing Type: Hydraulic Bearing

Dimensions: 50mm x 50mm x 16mm

Termination: 4-Wire Lead

Connector Type: 4-Pin Micro Connector

Speed Control: PWM (Pulse Width Modulation)

Signal Output: Tachometer (RPM Sensor)

Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP4X

Mounting Orientation: Any

Application: Projector Cooling (XGIMI Z4 AIR)

Airflow Direction: Side Intake, Tangential Exhaust

Operating Temperature: -10°C to +70°C

This centrifugal blower is specifically engineered for integration into portable projection systems, such as the XGIMI Z4 AIR, where space is at a premium and heat flux is high. The BAZA0516R5H-P002 provides critical cooling to the DLP chipset and LED light source, preventing thermal throttling during extended media playback. Beyond projectors, the BAZA0516R5H-P002 is suitable for compact embedded electronics, mobile workstations, and VR headsets requiring directed airflow to exhaust heat from tightly packed PCBs and heatsinks.

Supplemental Images

