# BAZC0808R5HY006 AVC 5VDC 80x80x15mm Blower Fan Datasheet


**Brand:** AVC

**SKU:** 804918308412

**Category:** Axial & Centrifugal Fans

**Price:** **$23.99**

**E-mail:** sales@equipspares.com

**Web:** https://www.equipspares.com

Product Page: https://www.equipspares.com/product/bazc0808r5hy006-avc-5vdc-80x80x15mm-blower-fan

## Product Description

AVC BAZC0808R5HY006 is a 5VDC 80x80mm Blower Fan optimized for high-density thermal management in compact computing environments. Engineered with advanced hydraulic bearing architecture, this unit minimizes friction and acoustic resonance while maintaining structural rigidity under continuous operation. The aerodynamic centrifugal impeller is designed to overcome high system impedance, delivering a concentrated airflow of 0.60A at peak velocity to mitigate thermal throttling in small form factor devices. This model features a 4-wire PWM interface for precise speed modulation, ensuring efficient heat dissipation and reduced power consumption during low-load cycles.

Model Number: BAZC0808R5HY006
Brand: AVC
Product Type: Blower Fan
Rated Voltage: 5 VDC
Voltage Range: 4.5 - 5.5 VDC
Rated Current: 0.60 A
Power: 3.0 W
Bearing Type: Hydraulic Bearing
Dimensions: 80 x 80 x 15 mm
Termination: 4-Wire Lead Wires
Speed Control: PWM Control / Tachometer Signal

Material: UL94V-0 Thermoplastic
Operating Temperature: -10 to +70 C
Storage Temperature: -40 to +75 C
Protection: Locked Rotor Protection, Reverse Polarity Protection
Certifications: CE, RoHS, UL

BAZC0808R5HY006 Applications

1. Intel NUC 11 Compute Element: Direct replacement fan engineered to match the specific static pressure requirements of the NUC 11 chassis for effective heat extraction from the CPU module.
2. Ultra-Compact Form Factor (UCFF) Systems: Ideal for overcoming the high thermal impedance found in 1U or sub-1U enclosures where axial airflow is restricted.
3. Embedded Industrial Computing: Provides low-vibration cooling for sensitive logic boards in ruggedized fanless-hybrid controllers.

## Supplemental Images