

BAZD1015R5U-P004 AVC 5VDC 1.3A 100x15mm Blower Fan Datasheet



Brand: AVC

SKU: [854277198569](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/bazd1015r5u-p004-avc-5vdc-1-3a-100x15mm-blower-fan>

Product Description

BAZD1015R5U-P004 is a 5VDC 100x15mm Blower Fan optimized for high-density thermal management in All-in-One PC systems. Engineered with a high-efficiency DC brushless motor and a precision-balanced centrifugal impeller, this unit minimizes thermal impedance in constrained enclosures. The 1.3A power draw ensures robust airflow delivery, while the 4-wire PWM interface allows for dynamic speed modulation based on real-time thermal loads. Its structural rigidity and advanced bearing architecture are designed to maintain low acoustic profiles even at peak RPM. This replacement fan is critical for maintaining the operational integrity of high-performance hardware like the Colorful iGame G-ONE.

Model Number: BAZD1015R5U-P004

Brand: AVC

Product Type: Blower Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 1.3A

Power: 6.5W

Rated Speed: 4200 RPM

Bearing Type: Hydraulic Bearing

Max. Air Flow: 18.5 CFM (31.4 m³/h / 0.52 m³/min)

Max. Static Pressure: 22.4 mmH₂O (219.6 Pa / 0.88 inH₂O)

Dimensions: 100 x 100 x 15 mm

Weight: 85g

Life Expectancy: 50,000 hours at 40°C

Speed Control: PWM (4-wire)

Termination: 4-pin connector

Housing Material: UL94V-0 Plastic

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: CE, TUV, UL

BAZD1015R5U-P004 Applications

1. All-in-One (AIO) Gaming PCs: Specifically designed as a replacement fan for the Colorful iGame G-ONE to overcome high system impedance in slim chassis.
2. Ultra-Thin Industrial Computing: Ideal for 1U or sub-1U enclosures where vertical space is limited and high static pressure is required to push air through dense fin stacks.

Supplemental Images

