

BAZA0714B2-P001 AVC 12VDC PWM Centrifugal Blower Fan Datasheet



Brand: AVC

SKU: [671129582067](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/baza0714b2-p001-avc-12vdc-pwm-centrifugal-blower-fan>

Product Description

The AVC BAZA0714B2-P001 is a specialized centrifugal blower fan engineered for high-performance thermal dissipation in professional workstation graphics environments. Designed with a precision DC brushless motor and advanced bearing architecture, this unit ensures optimal rotational stability and reduced vibrational resonance under high-load operations. The aerodynamic impeller geometry is specifically calibrated to generate significant static pressure, effectively overcoming the high thermal impedance found in dense GPU heatsink arrays. Featuring Pulse Width Modulation (PWM) support, the BAZA0714B2-P001 dynamically adjusts rotational speed to balance acoustic performance with critical cooling requirements, maintaining structural rigidity and operational longevity in demanding computational workflows.

Model Number: BAZA0714B2-P001

Compatible Models: P002, P007

Brand: AVC (Asia Vital Components)

Product Type: Centrifugal Blower / GPU Fan

Rated Voltage: 12V DC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.60 A

Power Consumption: 7.20 W

Bearing Type: Dual Ball Bearing

Speed Control: PWM (Pulse Width Modulation)

Connector Type: 4-Pin / 4-Wire

Termination: Lead Wires with Connector

Impeller Design: Radial / Centrifugal

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Application: NVIDIA Quadro P4000, M4000 Graphics Cards

Mounting Configuration: 3-Hole Triangle Pattern

Cooling Method: Direct Exhaust Blower

Operating Temperature: -10°C to +70°C

Life Expectancy: 50,000 Hours at 40°C

This cooling solution is primarily deployed within professional graphics processing units, specifically serving as the direct replacement thermal component for NVIDIA Quadro P4000 and M4000 series cards. The BAZA0714B2-P001 is essential for maintaining operating temperatures during intensive rendering, CAD modeling, and scientific computation tasks. By integrating the BAZA0714B2-P001 into the GPU chassis, system integrators ensure sustained clock speeds and hardware reliability in server racks, medical imaging workstations, and high-end video editing terminals where consistent thermal evacuation is mandatory.

Supplemental Images

