BAZB0808R5H-P004 AVC 5VDC 4-Wire PWM Blower Fan Datasheet

Brand: AVC

SKU: 681569086439

Category: Axial & Centrifugal Fans

Price: **$30.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/bazb0808r5h-p004-avc-5vdc-4-wire-pwm-blower-fan

Product Description

The AVC BAZB0808R5H-P004 is a specialized centrifugal blower fan engineered for high-density compact computing environments. Designed with precision aerodynamics, this unit utilizes a hydraulic bearing system to maintain structural rigidity and minimize frictional noise during operation. The 5VDC motor integrates advanced PWM speed control, allowing for dynamic thermal regulation based on system load. Its optimized impeller geometry ensures high static pressure delivery, essential for overcoming the high thermal impedance found in tightly integrated chassis like the Intel NUC series. This component represents a critical element in maintaining operational stability and prolonging component lifespan through efficient heat dissipation.

Model Number: BAZB0808R5H-P004
Brand: AVC (Asia Vital Components)
Product Type: Centrifugal Blower Fan
Rated Voltage: 5VDC
Rated Current: 0.50 A
Power Consumption: 2.5 W
Bearing Type: Hydraulic Bearing
Connector Type: 4-Pin / 4-Wire
Speed Control: PWM (Pulse Width Modulation)
Application: Intel NUC Mini PC Cooling
Compatible Series: NUC8 (Hades Canyon), NUC10 (Frost Canyon, Bean Canyon)

Compatible Processors: Intel Core i3, i5, i7
Mounting Style: Integrated Module
Material: Thermoplastic PBT (UL94V-0)
Cooling Method: Active Air Cooling

The BAZB0808R5H-P004 is primarily deployed within compact form factor workstations and mini PCs, specifically serving as the primary thermal solution for the Intel NUC8 (Hades Canyon) and NUC10 (Frost Canyon/Bean Canyon) series. In these high-performance miniature computing environments, the BAZB0808R5H-P004 manages the thermal output of i3, i5, and i7 processors, ensuring sustained clock speeds during intensive tasks such as media rendering or data processing. Its precise fitment allows for seamless integration into the limited internal volume of these chassis, preventing thermal throttling in restricted airflow scenarios.

Supplemental Images