

# BAPA0905R5H-Y003 AVC 5VDC 0.50A Laptop CPU Cooling Fan Datasheet



**Brand:** AVC

**SKU:** 933181408295

**Category:** Axial & Centrifugal Fans

**Price:** **\$28.57**

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Product Page:

<https://www.equipspares.com/product/bapa0905r5h-y003-avc-5vdc-0-50a-laptop-cpu-cooling-fan>

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## Product Description

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The AVC BAPA0905R5H-Y003 84x84x5mm 5 VDC 0.50 A centrifugal blower is engineered with a durable plastic housing and a high-efficiency hydraulic bearing system. Operating at a nominal power of 2.5 W, this compact thermal management unit utilizes a 4-wire, 4-pin interface to enable precise PWM speed control and tachometer feedback. The low-profile 5 mm thickness ensures optimal integration into highly constrained spatial architectures while maintaining rigorous airflow and static pressure metrics.

BAPA0905R5H-Y003 Specifications

Model Number: BAPA0905R5H-Y003

Brand: AVC (Asia Vital Components)

Product Category: DC Centrifugal Blower / CPU Cooling Fan

Nominal Voltage: 5 VDC

Rated Current: 0.50 A

Power Consumption: 2.5 W

Dimensions: 84 mm x 84 mm x 5 mm

Bearing Type: Hydraulic Bearing

Connector Type: 4-Pin, 4-Wire

Housing Material: Plastic

Color: Black

Control Method: PWM (Pulse Width Modulation)

Feedback: Tachometer Signal

#### BAPA0905R5H-Y003 Applications

Primary applications include integration into ultra-thin notebook computers, specifically the Huawei MateBook 14 Hly-wx9xx series, for direct CPU thermal management. Deployed within compact consumer electronics and densely packed mobile computing architectures, the blower actively exhausts heat from high-density microprocessors and integrated graphics modules.

## Supplemental Images

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