

# AD0412HB-C52 ADDA 12V DC Axial Fan

**SKU:** AD0412HB-C52

**Price:** \$9.99

**Categories:** Fans

**Tags:** ADDA

**Product Link:**

<https://www.electspares.com/product/ad0412hb-c52-adda-12v-dc-axial-fan/>

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## Product Description

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The ADDA AD0412HB-C52 is a high-performance DC Axial Fan with dimensions of 40×40×20 mm. This High Speed model operates on a 12 VDC Rated Voltage with a Rated Current of 0.15 A, resulting in a Rated Input Power of 1.8 W. It is equipped with a Ball Bearing system and a simple 2-wire electrical connection for basic power and ground operation. The fan achieves a Rated Speed of 7,800 RPM, delivering a powerful Airflow of 10.1 CFM (17.16 m<sup>3</sup>/h) and a high Static Pressure of 0.26 inAq. It is primarily designed for high-density electronic systems and server cooling where peak performance is needed without speed monitoring.

AD0412HB-C52 Fan Parameters

Model: AD0412HB-C52

Manufacturer: ADDA

Type: DC Axial Fan

Dimensions: 40×40×20 mm

Motor Design: Brushless DC Motor

Bearing Type: Ball Bearing

Rated Voltage: 12 VDC

Rated Current: 0.15 A

Rated Input: 1.8 W

Rated Speed: 7,800 RPM

Airflow: 10.1 CFM (17.16 m<sup>3</sup>/h)

Static Pressure: 0.26 inAq (6.6 mmAq)

Noise Level: 31.9 dB/A

Weight: 28.3 g

Number of blades: 5

Operating Voltage Range: 10.8 VDC to 13.2 VDC

Frame Material: Plastic (P.B.T., UL94V-0)

Impeller Material: Plastic (P.B.T., UL94V-0)

Termination: 2-Wire Leads

Life Expectancy: 50,000 h (at 40 °C)

Safety Approval: UL, CUL, CE

#### Application

The AD0412HB-C52 is a specialized fan used for cooling microprocessors, chipsets, or power modules in confined spaces. Its high-performance design is ideal for network routers, mini servers, and embedded systems that require maximum air moving capability without relying on external speed feedback.

## Product Images

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