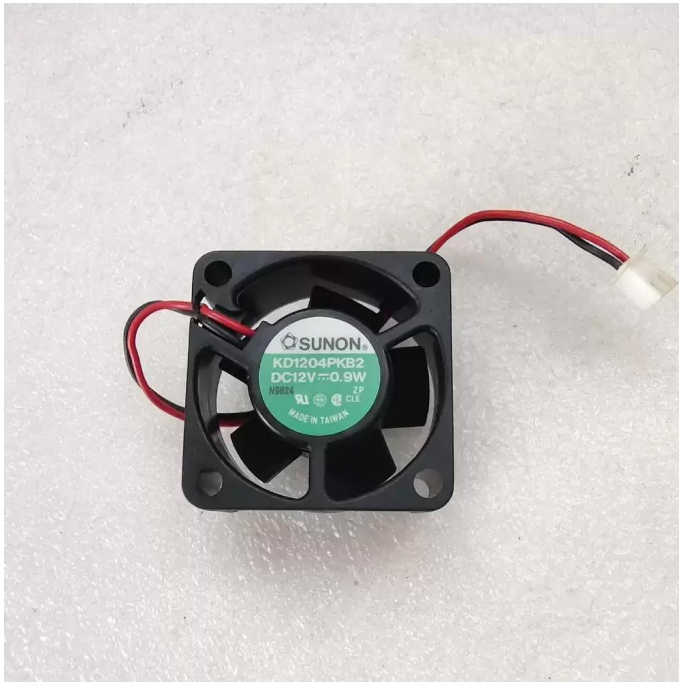


# KD1204PKB2 Sunon 12VDC 40x40x20mm 0.9W DC Axial Fan Datasheet



**Brand:** SUNON

**SKU:** 718164595213

**Category:** Axial & Centrifugal Fans

**Price:** \$15.99

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Product Page:

<https://www.equipspares.com/product/kd1204pkb2-sunon-12vdc-40x40x20mm-0-9w-dc-axial-fan>

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## Product Description

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The Sunon KD1204PKB2 is a compact DC Axial Fan engineered for precision thermal management in high-density electronic assemblies. Utilizing advanced Ball Bearing technology, this 40mm unit delivers consistent airflow while maintaining structural rigidity under continuous operation. The aerodynamic impeller design optimizes static pressure capabilities, effectively reducing thermal impedance in restricted enclosures. Rated for 12VDC operation with a power consumption of 0.9W, the KD1204PKB2 balances energy efficiency with robust cooling performance, making it an ideal solution for industrial instrumentation and telecommunications hardware requiring reliable heat dissipation.

Model Number: KD1204PKB2

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 4.5 - 13.8 VDC

Rated Current: 0.075 A

Power Consumption: 0.9 W

Rated Speed: 6200 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 7.7 CFM (13.08 m<sup>3</sup>/h / 0.22 m<sup>3</sup>/min)

Max. Static Pressure: 4.06 mmH<sub>2</sub>O (39.85 Pa / 0.16 inH<sub>2</sub>O)

Dimensions: 40 x 40 x 20 mm

Weight: 31 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 21 dBA

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: 2-Wire Leads (UL1007, 26AWG)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP Class Available upon request

Motor Protection: Impedance Protected

Dielectric Strength: 500 VAC for 1 Minute

Insulation Resistance: 10M Ohms at 500 VDC

Direction of Rotation: Counter-clockwise viewed from front of fan blade

Designed for versatility, the KD1204PKB2 is frequently integrated into compact server racks, network switches, and industrial automation control panels where space is at a premium. The reliable performance of the KD1204PKB2 ensures critical components remain within safe operating temperatures in medical diagnostic equipment and telecommunications power supplies, preventing thermal throttling and extending system lifecycles.

## Supplemental Images

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