

AD0812UX-A71GK ADDA 12VDC 80x80x25mm High Airflow Axial Fan Datasheet



Brand: ADDA

SKU: [780746614249](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

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Product Page:

<https://www.equipspares.com/product/ad0812ux-a71gk-adda-12vdc-80x80x25mm-high-airflow-axial-fan>

Product Description

The ADDA AD0812UX-A71GK is a high-performance DC Axial Fan engineered for demanding thermal management applications requiring substantial volumetric airflow. Utilizing ADDA's proprietary Hypro Bearing technology, this unit bridges the gap between sleeve and ball bearings, offering reduced friction coefficients and enhanced life expectancy while maintaining structural rigidity under high rotational speeds. The aerodynamic impeller design minimizes turbulence-induced noise while maximizing static pressure capabilities, making it ideal for overcoming high thermal impedance in densely packed electronic enclosures. The brushless DC motor ensures efficient energy conversion, delivering robust cooling performance with a rated current of 0.45A, ensuring system stability in continuous-duty environments.

Model Number: AD0812UX-A71GK

Brand: ADDA Corporation

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.45 A

Input Power: 5.40 W

Rated Speed: 4800 RPM

Bearing Type: Hypro Bearing (FDB)

Max. Air Flow: 60.0 CFM (101.9 m³/h / 1.70 m³/min)

Max. Static Pressure: 9.65 mmH₂O (94.6 Pa / 0.38 inH₂O)

Dimensions: 80x80x25mm

Noise Level: 46.0 dB(A)

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Lead

Wire Length: Short Leads (OEM Configuration)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours @ 40°C

Weight: 86 g

Safety Certifications: UL, CUL, TUV, CE

Designed for high-density electronic environments, the AD0812UX-A71GK is frequently deployed in server power supply units, industrial automation control cabinets, and telecommunications equipment where reliable heat dissipation is critical. Its compact 80mm form factor allows for seamless integration into rack-mounted chassis and network switches. The AD0812UX-A71GK excels in scenarios requiring continuous operation, ensuring component longevity by effectively evacuating waste heat from sensitive semiconductors and power regulators.

Supplemental Images

