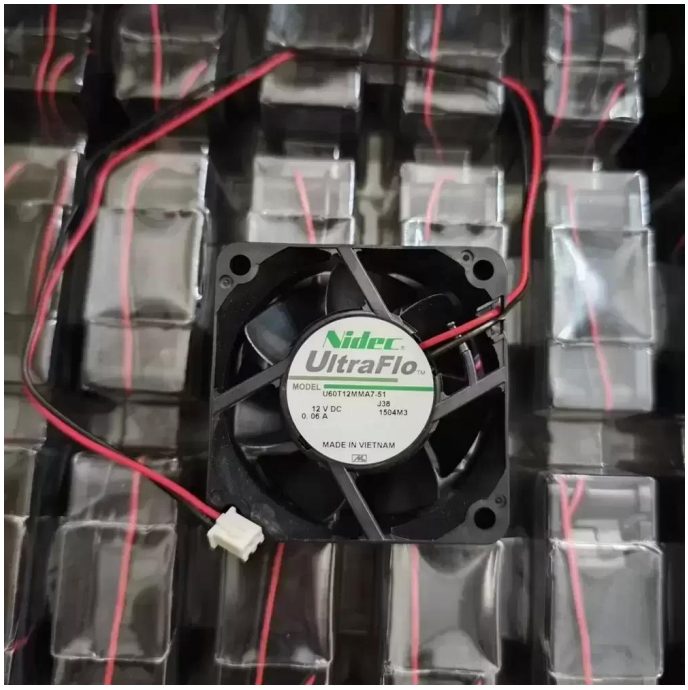
U60T12MMA7-51 Nidec 12VDC 60x60x25mm Axial Fan Datasheet



Brand: Nidec

SKU: 902451270792

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

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Product Page: https://www.equipspares.com/product/u60t12mma7-51-nidec-12vdc-60x60x25mm-axial-fan

Product Description

The Nidec U60T12MMA7-51 is a precision-engineered axial fan designed for applications requiring reliable thermal management with minimal acoustic output. This unit utilizes advanced motor technology to deliver consistent airflow while maintaining low power consumption, rated at just 0.06A. The structural rigidity of the 60mm frame ensures stability during operation, reducing vibration-induced noise and wear. Its aerodynamic blade design is optimized to balance static pressure and airflow volume, making it suitable for compact electronic enclosures where thermal impedance must be minimized. The fan features a robust bearing architecture designed for longevity and continuous operation in demanding industrial environments.

Model Number: U60T12MMA7-51
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.06 A
Power Consumption: 0.72 W
Dimensions: 60 x 60 x 25 mm
Bearing Type: Hydro Wave / Sleeve Bearing
Max. Air Flow: Approx. 16.0 CFM
Max. Static Pressure: Approx. 2.5 mmH_2O

Noise Level: 22.0 dB(A)
Termination: 3-Wire Lead
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Speed Control: Tachometer Output (if applicable based on wiring)
Weight: Approx. 65g

The U60T12MMA7-51 is frequently deployed in sensitive electronic equipment where noise reduction is critical, such as home theater PCs, audio recording equipment, and small-scale server appliances. Due to its compact 60mm form factor, the U60T12MMA7-51 fits seamlessly into network switches, routers, and external hard drive enclosures that require active cooling without the high decibel levels associated with standard industrial fans. Additionally, this model is utilized in medical instrumentation and laboratory devices where silent operation is a mandatory requirement for the user environment.

Supplemental Images