

# R40W12BGE9-07T841 Nidec 12VDC 40x40x56mm Dual Motor Fan Datasheet



**Brand:** Nidec

**SKU:** [992400988115](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/r40w12bge9-07t841-nidec-12vdc-40x40x56mm-dual-motor-fan>

## Product Description

The Nidec R40W12BGE9-07T841 is a high-performance Dual Motor Fan designed specifically for environments requiring exceptional static pressure and airflow density. Part of the distinguished UltraFlo series, this unit features a counter-rotating blade architecture that significantly reduces flow turbulence while maximizing air velocity through high thermal impedance obstacles. The motor assembly is supported by precision ball bearings, ensuring structural rigidity and operational longevity even under continuous high-speed rotation. Engineered for critical thermal management, the device optimizes aerodynamic efficiency to deliver concentrated cooling power. Its robust construction and advanced motor technology make it an essential component for maintaining system stability in compact, high-heat industrial and computing applications.

Model Number: R40W12BGE9-07T841

Brand: Nidec

Series: UltraFlo

Product Type: Dual Axial Fan (Counter-Rotating)

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 2.19 A

Power Consumption: 26.28 W

Dimensions: 40 x 40 x 56 mm

Bearing Type: Dual Ball Bearing  
Motor Type: Brushless DC (Dual Motor)  
Airflow Direction: Intake over struts  
Termination: 8-Pin Connector  
Wire Count: 8 Wires  
Housing Material: PBT (UL94V-0)  
Blade Material: PBT (UL94V-0)  
Speed Control: PWM (Pulse Width Modulation)  
Signal Output: Tachometer (RPM Sensor)  
Operating Temperature: -10°C to +70°C  
Mounting Orientation: Any  
Ingress Protection: Standard IP Rating  
Application: High Static Pressure Server Cooling

The R40W12BGE9-07T841 is extensively utilized in enterprise-grade hardware, particularly within 1U server racks and high-density blade servers where back-pressure is a significant challenge. Its compact 40mm footprint allows it to fit seamlessly into tight chassis configurations found in telecommunications switches and network routers. Beyond IT infrastructure, the R40W12BGE9-07T841 is also deployed in specialized industrial equipment and medical devices where reliable, high-velocity airflow is mandatory to prevent component overheating and ensure continuous system uptime.

## Supplemental Images

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