

# 3615KL-04W-B96-E03 NMB 12VDC 92x92x38mm 2.50A Axial Fan Datasheet



**Brand:** NMB

**SKU:** [680546579129](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$23.89**

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Product Page:

<https://www.equipspares.com/product/3615kl-04w-b96-e03-nmb-12vdc-92x92x38mm-2-50a-axial-fan>

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## Product Description

The NMB 3615KL-04W-B96-E03 is a high-performance axial cooling fan engineered for demanding thermal environments requiring substantial airflow and static pressure. Manufactured by MinebeaMitsumi, this unit utilizes a precision dual ball bearing architecture to ensure rotational stability and longevity under continuous high-speed operation. The aerodynamic impeller design is optimized to deliver exceptional static pressure, making it critical for overcoming high thermal impedance in densely packed server chassis. With a robust 12VDC motor drawing 2.50A, it provides significant cooling capacity (30W), ensuring structural rigidity and component reliability in mission-critical hardware such as the Dell Optiplex series.

Model Number: 3615KL-04W-B96-E03

Brand: NMB-MAT (MinebeaMitsumi)

OEM Part Number: Dell P2780 / P2780-A00

Product Type: DC Axial Fan

Rated Voltage: 12V DC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 2.50 A

Power Consumption: 30.0 W

Rated Speed: 5500 RPM (Nominal)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 130.0 CFM (Approximate for 2.5A High Speed)

Max. Static Pressure: High Static Pressure Profile

Dimensions: 92 x 92 x 38 mm

Weight: 230 g

Frame Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)

Termination: 4-Wire / 5-Pin Dell Proprietary Connector

Speed Control: PWM (Pulse Width Modulation)

Sensor Output: Tachometer (RPM Signal)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Protection: Locked Rotor Protection, Polarity Protection

Application: Server CPU Cooling, Workstation Chassis

Designed primarily for enterprise-grade computing, the 3615KL-04W-B96-E03 serves as a critical thermal management component in server racks and workstations, specifically the Dell Optiplex GX280 series. Its high-static pressure capabilities make it ideal for forcing air through restrictive heatsinks and dense component arrays found in telecommunications equipment and industrial automation systems. By integrating the 3615KL-04W-B96-E03, operators ensure consistent thermal dissipation in high-load scenarios, preventing thermal throttling in CPUs and power supply units.

## Supplemental Images

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