

# KDE1209PTVX.13.MS.B2623.AF.GN Sunon 12VDC 92mm MagLev Round Fan Datasheet



**Brand:** SUNON

**SKU:** 850926448840

**Category:** Axial & Centrifugal Fans

**Price:** \$16.99

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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Product Page:

<https://www.equipspares.com/product/kde1209ptvx-13-ms-b2623-af-gn-sunon-12vdc-92mm-maglev-round-fan>

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## Product Description

The Sunon KDE1209PTVX.13.MS.B2623.AF.GN is a specialized DC axial fan featuring a circular frame architecture designed for high-density thermal management applications. Utilizing Sunon's proprietary Magnetic Levitation (MagLev) bearing technology, this unit eliminates physical contact between the rotor and shaft, significantly reducing friction and extending operational lifespan while maintaining exceptional structural rigidity. With a high-power rating of 4.4W and integrated PWM speed control, it delivers precise airflow regulation up to 3300 RPM. The unique round frame design, featuring 80mm mounting centers on a 92mm chassis, makes it an ideal solution for CPU coolers and space-constrained heatsink assemblies where thermal impedance must be minimized.

Model Number: KDE1209PTVX.13.MS.B2623.AF.GN

Brand: Sunon

Product Type: DC Axial Fan (Round Frame)

Rated Voltage: 12 VDC

Rated Current: 0.36 A

Power: 4.4 W

Rated Speed: 600 - 3300 RPM

Bearing Type: MagLev (Magnetic Levitation)

Max. Air Flow: 32.0 CFM

Max. Static Pressure: High Pressure Profile (Specifics Not Listed)

Dimensions: 92 x 92 x 25 mm

Mounting Configuration: 80 mm Hole Spacing (72 mm Adjacent)

Termination: 4-Wire (PWM Speed Control)

Weight: Heavy Duty (Approx. 2-3x Standard)

Housing Material: PBT Plastic

Blade Design: 92mm High-Efficiency Profile

Speed Control: PWM (Pulse Width Modulation)

The KDE1209PTVX.13.MS.B2623.AF.GN is engineered primarily for direct-contact heat dissipation in computing and industrial electronics. Its specialized round frame allows it to mount seamlessly onto CPU heatsinks and circular cooling towers found in server racks and workstations. Additionally, the KDE1209PTVX.13.MS.B2623.AF.GN is suitable for compact medical devices and optical equipment where vibration must be minimized via the MagLev system, ensuring reliable thermal performance in critical environments.

## Supplemental Images

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