

EFS-07C05D-EP02 DWPH 5VDC 1.0A 70mm Blower Fan Datasheet



Brand: DWPH

SKU: [911947119967](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/efs-07c05d-ep02-dwph-5vdc-1-0a-70mm-blower-fan>

Product Description

The DWPH EFS-07C05D-EP02 is a Blower Fan designed for high-performance thermal management in ultra-compact computing systems. Operating at 5VDC with a 1.0A current rating, this industrial cooling fan is engineered to provide concentrated airflow and high static pressure within the confined spaces of the Lenovo ThinkCentre Q500 and Neo 50q. The EFS-07C05D-EP02 features a 4-wire PWM interface, allowing for dynamic speed adjustments based on system load to balance cooling efficiency and acoustic output. As a genuine replacement for part numbers 5F10U94129 and 5F10U94139, this 70mm blower ensures long-term reliability for critical hardware components in small form factor environments.

Model Number: EFS-07C05D-EP02

Brand: DWPH

Product Type: Blower Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 1.0A

Power: 5.0W

Rated Speed: 4800 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 10.8 CFM (18.35 m³/h / 0.31 m³/min)

Max. Static Pressure: 18.5 mmH₂O (181.42 Pa / 0.73 inH₂O)

Dimensions: 70x70x12mm

Weight: 45g

Life Expectancy: 50,000 Hours

Speed Control: PWM (4-wire)

Termination: 4-pin Lenovo Header

Operating Temperature: -10 to +70 C

Storage Temperature: -40 to +75 C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: CE, TUV, UL

The EFS-07C05D-EP02 is specifically designed for integration into the Lenovo ThinkCentre Q500 and Neo 50q mini PC series to prevent thermal throttling. Its specialized centrifugal design allows the EFS-07C05D-EP02 to effectively dissipate heat from internal processors and chipsets in space-constrained enclosures.

Supplemental Images

