EFH-12E12P-JP01 DWPH 12VDC 1.2A 120mm Centrifugal Fan Datasheet

Brand: DWPH

SKU: 1005239711338

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/efh-12e12p-jp01-dwph-12vdc-1-2a-120mm-centrifugal-fan

Product Description

DWPH EFH-12E12P-JP01 is a 12VDC 120mm Centrifugal Fan optimized for high-density thermal management in All-in-One desktop systems. Engineered with advanced motor technology and a high-precision bearing architecture, this unit minimizes thermal impedance while maintaining structural rigidity under high-load cycles. Operating at 1.2A, it delivers significant static pressure required to push air through dense radiator fins. This 2025 edition features a 4-pin PWM interface for precise speed control, ensuring optimal cooling for Lenovo Yoga 27-ACH and 27-ARH6 series. Its aerodynamic impeller design is specifically tuned to reduce acoustic turbulence in compact enclosures.

Model Number: EFH-12E12P-JP01
Brand: DWPH
Product Type: Centrifugal Fan
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 1.2 A
Power: 14.4 W
Rated Speed: 3800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 48.2 CFM (81.9 m^3/h / 1.36 m^3/min)

Max. Static Pressure: 18.5 mmH_2O (181.4 Pa / 0.73 inH_2O)
Dimensions: 120 x 120 x 28 mm
Weight: 195 g
Life Expectancy: 50000 hours at 40 C
Speed Control: PWM
FRU PN: 5F10X63220
Housing Material: UL94V-0 Plastic
Termination: 4-Pin Connector
Operating Temperature: -10 to +70 C
Storage Temperature: -40 to +75 C
Certifications: CE, RoHS, TUV
Protection Features: Locked Rotor Protection, Reverse Polarity Protection

EFH-12E12P-JP01 Applications
1. Lenovo Yoga 27-ACH/ARH6 AIO Series: Direct replacement fan designed to match the specific mounting geometry and thermal profile of the Yoga 27-ACH6 and ARH chassis, ensuring original equipment manufacturer (OEM) cooling efficiency.
2. High-Density All-in-One PC Cooling: Ideal for overcoming high system impedance in slim-form factor desktops where traditional axial fans lack the static pressure to penetrate dense heat sink arrays.

Supplemental Images


EFH-12E12P-JP01
BRUSHLESS DC FAN
RoHS
DWPH
东维丰
DC 12V 1.2A
MADE IN CHINA
8SSF11A16118P1SZ58L002P
Made in China
FRU PN:5F10X63220