B6605AFHBF2100TN ELEPEAK 5VDC 66x60x5mm Centrifugal Blower Datasheet

Brand: ELEPEAK

SKU: 994133174084

Category: Axial & Centrifugal Fans

Price: **$20.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/b6605afhbf2100tn-elepeak-5vdc-66x60x5mm-centrifugal-blower

Product Description

ELEPEAK B6605AFHBF2100TN is a 5VDC 66x60x5mm Centrifugal Blower optimized for ultra-thin laptop thermal management and high-density heat dissipation. Engineered with a precision DC motor and advanced fluid dynamic bearing architecture, this unit minimizes thermal impedance while maintaining structural rigidity in constrained chassis environments. The aerodynamic impeller design is specifically tuned for the Lenovo ThinkBook 13X G2 IAP, ensuring efficient heat extraction from CPU/GPU heat pipes. Operating at 0.5A with a rated power of 2.5W, it provides the necessary static pressure to overcome internal system resistance. This replacement fan integrates seamlessly with 4-pin PWM headers for dynamic speed modulation and acoustic optimization.

Model Number: B6605AFHBF2100TN
Brand: ELEPEAK
Product Type: Centrifugal Blower
Rated Voltage: 5VDC
Voltage Range: 4.5 - 5.5 VDC
Rated Current: 0.5A
Power: 2.5W
Rated Speed: 4800 RPM
Bearing Type: Fluid Dynamic Bearing
Max. Air Flow: 4.20 CFM (7.14 m^3/h / 0.12 m^3/min)

Max. Static Pressure: 12.50 mmH_2O (122.58 Pa / 0.49 inH_2O)
Dimensions: 66mm x 60mm x 5mm
Weight: 25g
Life Expectancy: 40,000 hours at 40C
Speed Control: PWM (4-Wire)
Termination: 4-Pin Connector
Housing Material: UL94V-0 Plastic / Aluminum Plate
Operating Temperature: -10C to +70C
Part Number Compatibility: 5F10S14019
Protection Features: Locked Rotor Protection, Auto Restart

B6605AFHBF2100TN Applications

1. Ultra-thin Laptop Thermal Modules: Specifically engineered as a replacement fan for Lenovo ThinkBook 13X G2 IAP (5F10S14019) to restore factory-spec cooling efficiency in sub-15mm chassis.
2. High-Density Mobile Computing: Ideal for overcoming high system impedance in compact heat pipe assemblies where low-profile vertical exhaust is required.

Supplemental Images