E97379-003 Intel 12VDC 95mm Copper Core CPU Cooler Datasheet

SKU: 981746418490

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/e97379-003-intel-12vdc-95mm-copper-core-cpu-cooler

Product Description

The Intel E97379-003 is a specialized CPU Cooler designed for high-efficiency thermal management in desktop computing environments. Engineered with a central copper core integrated into a radial aluminum heat sink, this unit optimizes thermal impedance and heat dissipation for mid-to-high TDP processors. The motor architecture utilizes a 4-wire PWM interface for precise speed modulation, ensuring structural rigidity and acoustic stability during peak operation. Its aerodynamic impeller design is balanced to provide consistent static pressure across the fin array, maintaining optimal junction temperatures for critical semiconductor components.

Model Number: E97379-003
Brand: Intel
Product Type: CPU Cooler
Rated Voltage: 12VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.2A
Power: 2.4W
Rated Speed: 1000 - 2500 RPM
Bearing Type: Hydraulic Bearing
Max. Air Flow: 45.0 CFM (76.45 m^3/h / 1.27 m^3/min)
Max. Static Pressure: 2.1 mmH_2O (20.59 Pa / 0.08 inH_2O)

Dimensions: 95x95x25mm
Weight: 330g
Life Expectancy: 50,000 Hours at 40C
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Pin Connector
Socket Support: LGA1150, LGA1151, LGA1155, LGA1156, LGA1200
Heatsink Material: Aluminum with Copper Core
Noise Level: 22 - 30 dBA
Mounting Type: Push-pin
Protection Features: Locked Rotor Protection, Auto Restart
Certifications: CE, UL, RoHS

The E97379-003 is primarily deployed in enterprise workstations and consumer desktop systems utilizing Intel Core i5 and i7 series processors. Given its specific mounting geometry, the E97379-003 is an essential component for maintaining system stability in LGA115x and LGA1200 socket architectures found in office PCs and industrial control units. Its reliable performance makes it a standard choice for system integrators requiring consistent thermal regulation.

Supplemental Images


intel
E97379-003
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