

# NA801005HHT4B11F21 YINGFAN 5VDC 0.5A 4-Pin CPU Cooling Fan Datasheet



**SKU:** [1039613582126](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$32.14**

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Product Page:

<https://www.equipspares.com/product/na801005hht4b11f21-yingfan-5vdc-0-5a-4-pin-cpu-cooling-fan>

## Product Description

YINGFAN NA801005HHT4B11F21 is a centrifugal blower fan operating at a nominal 5 VDC and 0.5 A, featuring a 4-pin interface for precise PWM speed control. The unit utilizes a DC brushless motor architecture housed within a low-profile chassis to facilitate high-static-pressure forced convection. Structural components include a lightweight polymer impeller and a metallic base plate for enhanced thermal dissipation and structural rigidity. The 4-wire configuration enables active tachometer feedback and dynamic RPM modulation, ensuring optimal thermal regulation under varying thermal loads.

NA801005HHT4B11F21 Specifications

Model Number: NA801005HHT4B11F21

Brand: YINGFAN

Compatible Part Number: 6-31-R100S-101

Product Category: Centrifugal Blower / CPU Cooling Fan

Nominal Voltage: 5 VDC

Nominal Current: 0.5 A

Power Consumption: 2.5 W

Connector Type: 4-Pin (PWM + Tachometer)

Motor Type: DC Brushless

Fan Architecture: Centrifugal Blower

Housing Material: High-Temperature Polymer / Metallic Base

Wire Configuration: 4-Wire (Power, Ground, Tachometer, PWM)

Mounting Style: Flange Mount (Integrated Chassis Tabs)

Condition: New

#### NA801005HHT4B11F21 Applications

Primary applications include integration into high-performance mobile computing platforms, specifically OEM chassis requiring active thermal management. Deployed within compact CPU and GPU heatsink assemblies to maintain operational temperatures during sustained computational workloads. Utilized in embedded industrial control units and dense electronic enclosures where low-profile, high-static-pressure forced convection is mandatory.

## Supplemental Images

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