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Product Spec Sheet

A18



NEW PRODUCT SPEC SHEET

Application:

- AMD® Ryzen Processor, Socket AM4
- Active Cooler For 1U Server

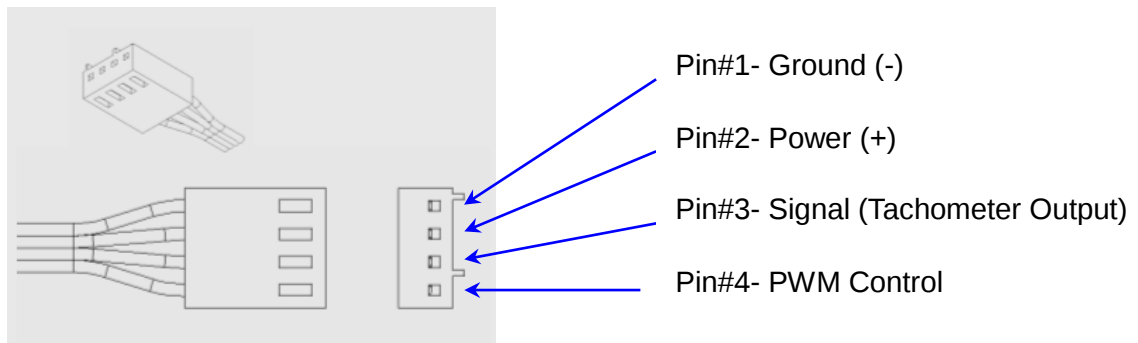
Overall Specification:

- Dimension: 106 x 76 x 27.5mm
- Weight: 502g ± 5g
- Material: Copper1100 with Skived Fins
- Fin Direction Parallel to System Airflow
- Alloy Frame Blower with PWM Function
- Convenient Heat Sink Captive Mounting
- Shin-Etsu 7762 or equivalent Thermal Grease Pre-Printed
- Backing Plate is not included
- Support CPU Power up to 105 Watts Heat Dissipation

Blower Specification:

- Model Number: DB127015BU - PWM
- Dimension: 70 x 70 x 15 mm
- Bearing Type : Ball, Double
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20% : 1100 ± 200 RPM
 - At Duty Cycle 50% : 2600 ± 10% RPM
 - At Duty Cycle 100% : 6000 ± 10% RPM
- Rated Input Power:
 - At Duty Cycle 0~20% : 0.6 W
 - At Duty Cycle 50% : 1.2 W
 - At Duty Cycle 100% : 8.8 W

- Rated Airflow:
 - At Duty Cycle 0~20% : 2.5 CFM
 - At Duty Cycle 50% : 5.8 CFM
 - At Duty Cycle 100% : 14.3 CFM
- Rated Static Pressure:
 - At Duty Cycle 0~20% : 1.25 mm-H₂O
 - At Duty Cycle 50% : 7.0 mm-H₂O
 - At Duty Cycle 100% : 50.46 mm-H₂O
- Rated Acoustical Noise:
 - At Duty Cycle 0~20% : 19.1 dBA
 - At Duty Cycle 50% : 34.2 dBA
 - At Duty Cycle 100% : 53.8 dBA
- Lead Wire Pin Out Diagram :



Active Cooler A18 Cooling Performance VS. Airflow & Acoustical Level:

