



## ***NEW PRODUCT SPEC SHEET***

# **Model Number: R13**

- Recommend for Intel® Xeon® E5-2600 and 4600 Series, Socket LGA2011
- **For Narrow ILM Only**
- Active Cooler by Side-Blowing Cooling for 1U Server and up

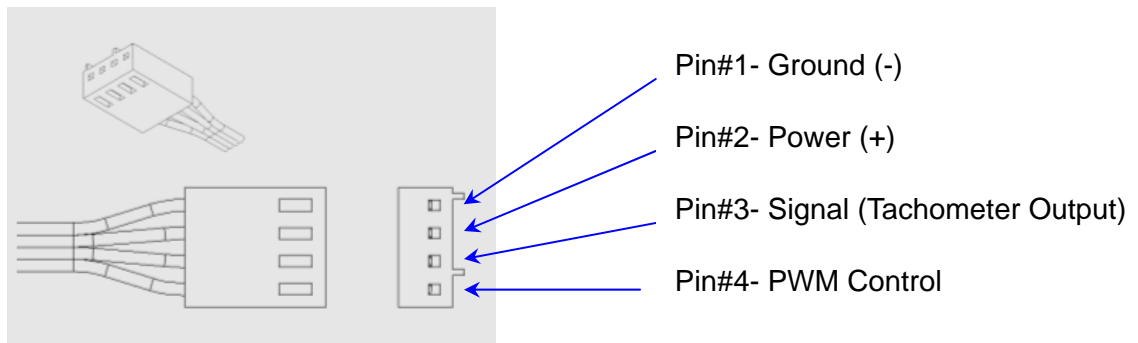
### **Overall Specification:**

- Dimension: 103.0 x 80.0 x 28.0mm
- Weight: 470g ± 5g
- Material: Copper Heat Sink with Skiving Fins
- Fin Direction Paralleled to System Airflow
- Alloy Frame Blower with PWM function
- Convenient Heat Sink Captive Mounting
- Shin-Etsu G751 Thermal Grease Pre-Printed
- Support CPU Power up to 165Watts Heat Dissipation

### **Blower Specification:**

- Model Number: DB128015BU-PWVG
- Dimension: Ø80 x 15 mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20%: 1000±200 RPM
  - At Duty Cycle 50%: 3500±10% RPM
  - At Duty Cycle 100%: 7000 RPM Min
- Rated Input Power:
  - At Duty Cycle 0~20%: 0.60W
  - At Duty Cycle 50%: 3.84W
  - At Duty Cycle 100%: 19.2W

- Rated Airflow:
  - At Duty Cycle 0~20%: 6.5 CFM
  - At Duty Cycle 50%: 11.2 CFM
  - At Duty Cycle 100%: 22.28 CFM
- Rated Static Pressure:
  - At Duty Cycle 0~20%: 2.27 mm-H<sub>2</sub>O
  - At Duty Cycle 50%: 18.56 mm-H<sub>2</sub>O
  - At Duty Cycle 100%: 74.18 mm-H<sub>2</sub>O
- Rated Acoustical Noise:
  - At Duty Cycle 0~20%: 21.5 dBA
  - At Duty Cycle 50%: 43.0 dBA
  - At Duty Cycle 100%: 59.14 dBA
- Lead Wire Pin Out Diagram :



### Active Cooler R13 Cooling Performance VS. Airflow & Acoustical Level:

