



## **NEW PRODUCT SPEC SHEET**

### **Model Number: R30**

- Recommend for Intel® Xeon® Processor E7 v2 Family, Socket LGA2011
- Vapor Chamber Active Cooler for 1.5U Server and up
- Fits to Square ILM Only ( mounting pitch 80 x 80mm )

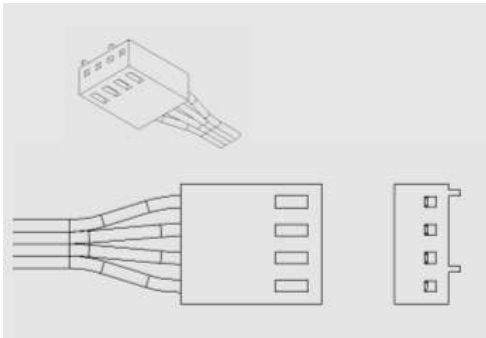
#### **Overall Specification:**

- Dimension: 90.0 x 90.0 x 41.5mm
- Weight: 480g ± 5g
- Copper Vapor Chamber heat sink with Stacked Fins
- 8cm upright cooling fan blows toward system board
- Convenient heat sink captive screw mounting
- Shin-Etsu 7762 Thermal Grease pre-printed
- Backing plate is not included
- Support TDP 160Watts heat dissipation

#### **Blower Specification:**

- Model Number: DF128015BU-PWMG
- Dimension: 80 x 80 x 15mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20%: 1000±10% RPM
  - At Duty Cycle 50%: 2500±10% RPM
  - At Duty Cycle 100%: 4000±10% RPM
- Rated Input Power:
  - At Duty Cycle 0~20%: 1.2W
  - At Duty Cycle 50%: 2.4W
  - At Duty Cycle 100%: 5.4W

- Rated Airflow:
  - At Duty Cycle 0~20%: 9.2 CFM
  - At Duty Cycle 50%: 30.8 CFM
  - At Duty Cycle 100%: 48.6 CFM
- Rated Static Pressure:
  - At Duty Cycle 0~20%: 0.30 mm-H<sub>2</sub>O
  - At Duty Cycle 50%: 2.60 mm-H<sub>2</sub>O
  - At Duty Cycle 100%: 5.90 mm-H<sub>2</sub>O
- Rated Acoustical Noise:
  - At Duty Cycle 0~20%: 17.0 dBA
  - At Duty Cycle 50%: 27.3 dBA
  - At Duty Cycle 100%: 40.2 dBA
- Lead Wire Pin Out Diagram :



- Pin#1- Ground (-)
- Pin#2- Power (+)
- Pin#3- Signal (Tachometer Output)
- Pin#4- PWM Control

### Active Cooler R30 Cooling Performance VS. Airflow & Acoustical Level:

