



**DYNATRON**  
The Thermal Solution Architect

## **NEW PRODUCT SPEC SHEET**

# **Model Number: K17**

- Recommended for Intel® Processors As Following,
  - Xeon® Server Processor E3 Series
  - Core™ i7 Desktop Processor 2600, 2600K, 880, 875K, 870, 870S, 860, 860S
  - Core™ i5 Desktop Processor 2500, 2400, 2310, 2300, 760, 750, 750S, 680, 670, 661, 660, 655K, 650
  - Core™ i3 Desktop Processor 2100, 560, 550, 540, 530
  - Pentium® Desktop Processor G850, G840, G6960, G6950, G620, G620T
- For Socket LGA1155 and 1156
- Active Cooler for Workstation, 3U Server & up

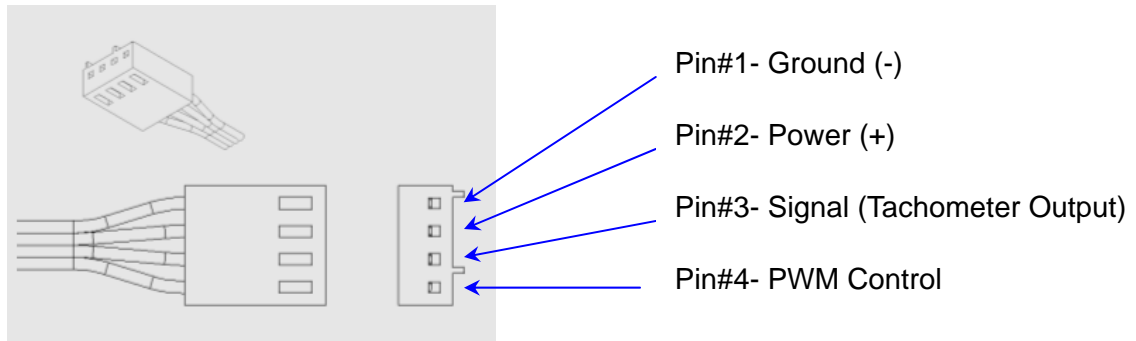
### **Overall Specification:**

- Dimension: 91.0 x 91.0 x 110.0mm (L x W x H)
- Weight: 530 ± 5g
- Heat Sink Material: Aluminum Fin + (4x)Heat Pipes with HTC Structure
- 92CM Plastic Quiet Fan with 4-Pin PWM Connector
- Silicon Pull-Pin Set Pre-Installed for Cooling Fan Mounting
- Easy Cooler Installation with Captive Mounting Screws
- Backing Plate is Included
- Shin-Etsu G751 Thermal Compound Pre-Printed
- Support CPU Power up to 105Watts
- Smart Heat Pipes Orientation where Against Gravity

### **Fan Specification:**

- Model Number: DF129225BM-PWVG
- Dimension: Ø92 x 25mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20% : 1000 ± 200 RPM
  - At Duty Cycle 50% : 1800 ±10% RPM
  - At Duty Cycle 100% : 2500 ±10%RPM

- Rated Input Power:
  - At Duty Cycle 0~20%: 0.96 W
  - At Duty Cycle 50%: 1.44 W
  - At Duty Cycle 100%: 3.0 W
- Rated Airflow:
  - At Duty Cycle 0~20% : 17.34 CFM
  - At Duty Cycle 50% : 31.21 CFM
  - At Duty Cycle 100% : 43.36 CFM
- Rated Static Pressure:
  - At Duty Cycle 0~20% : 0.48 mm-H<sub>2</sub>O
  - At Duty Cycle 50% : 1.55 mm-H<sub>2</sub>O
  - At Duty Cycle 100% : 3.0 mm-H<sub>2</sub>O
- Rated Acoustical Noise:
  - At Duty Cycle 0~20% : 17.0 dBA
  - At Duty Cycle 50% : 24.78 dBA
  - At Duty Cycle 100% : 31.92 dBA
- Lead Wire Pin Out Diagram :



**Active Cooler K17 Cooling Performance VS. Fan Speed & Acoustical Level:**

