DYNATRON
The Thermal Solution Architect

NEW PRODUCT SPEC SHEET

Model Number: G17

- Recommended for Intel® Server Processors As Following,
  - Xeon® Processor 5000 Sequence Family
  - Xeon® Processor W3690, W3680, W3670, W3580, W3570, W3565, W3550, W3540, W3530, W3520
  - For Socket LGA1366
- Active Cooler for 3U Server & up, Workstation and Tower Desktop
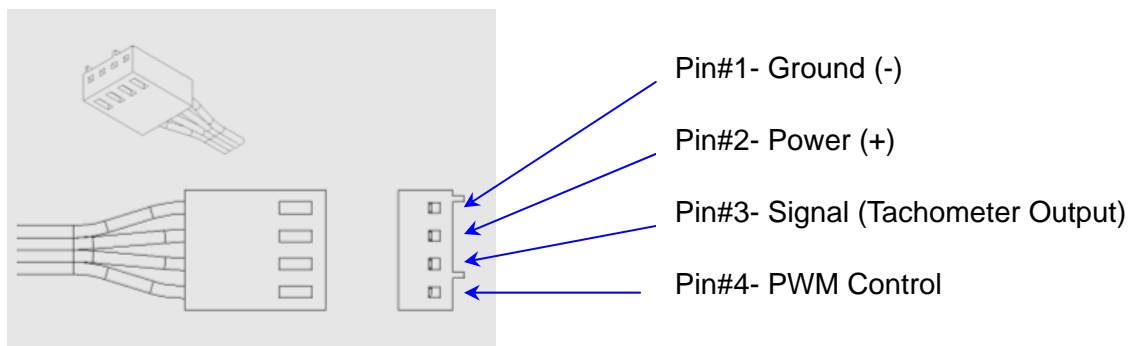
Overall Specification:

- Dimension: 91.0 x 91.0 x 110.0mm (L x W x H)
- Weight: 530g ± 5g
- Heat Sink Material: Aluminum Fin + (4x)Heat Pipes with HCC 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 not Included
- Shin-Etsu G751 Thermal Compound Pre-Printed
- Support CPU Power up to 140Watts Overclocking
- Smart Heat Pipes Orientation Where Against Gravity

Fan Specification:

- Model Number: DF129225BM-PWMG
- Dimension: Ø92 x 25mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20% : 1000 $\pm$ 200 RPM
  - At Duty Cycle 50% : 1800 $\pm$10% RPM
  - At Duty Cycle 100% : 2500 $\pm$5%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_2O
    - At Duty Cycle 50% : 1.55 mm-H_2O
    - At Duty Cycle 100% : 3.0 mm-H_2O

- 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 :

Pin#1- Ground (-)

Pin#2- Power (+)

Pin#3- Signal (Tachometer Output)

Pin#4- PWM Control

Active Cooler G17 Cooling Performance VS. Fan Speed & Acoustical Level: