



DYNATRON CORPORATION

NEW PRODUCT SPEC SHEET

Part Number: G666

- For Intel Nehalem Processor Socket LGA 1366
- Active cooler for 2U Servers & Up
- RoHS Compliant

Overall Specification:

- Dimension: 90.0mm x 90mm x 64.0mm
- Weight: 500g
- Material: Copper Base & Aluminum Fins with heatpipes embedded.
- With 60x60x25mm Side-blow fan
- Cooler Mounted in Captive design
- Backplate is not included
- With Honeywell PCM45F-SP Pre-printed, or Optional thermal compound Shin-Etsu G751

Fan Specification:

- Dimension: 60.0mm x 60.0mm x 25.0mm
- Rated Speed:
 - At Duty Cycle 20%: 1700 \pm 10%RPM
 - At Duty Cycle 50%: 4000 \pm 10%RPM
 - At Duty Cycle 100%: 8500 \pm 10%RPM
- Bearing: 2X Ball
- Rated Voltage: 12V
- Power:
 - At Duty Cycle 20%: 0.6W
 - At Duty Cycle 50%: 1.8W
 - At Duty Cycle 100%: 7.2W
- Maximum Airflow:
 - At Duty Cycle 20%: 8.855 cfm
 - At Duty Cycle 50%: 21.97 cfm
 - At Duty Cycle 100%: 46.44 cfm

- Acoustical Noise:
 - At Duty Cycle 20%: 21.8 dBA
 - At Duty Cycle 50%: 34.5 dBA
 - At Duty Cycle 100%: 52.8dBA
- Air Pressure
 - At Duty Cycle 20%: 0.03445inch-H2O
 - At Duty Cycle 50%: 0.1867 in-H2O
 - At Duty Cycle 100%: 0.7557inch-H2O
- Lead Wire Pin Out:
 - Pin#1-Black(-)
 - Pin#2- Yellow(+)
 - Pin#3- Green(Tachometer/ Signal Output)
 - Pin#4- Blue (PWM)