



NEW PRODUCT SPEC SHEET



Model Number: K666

- Recommend for Intel® Core™ i5 I5-750; Xeon® Processor 3400 Series; Core™ i7 Processors I7-870 & I7-860; Socket LGA1156
- Active Cooler for 2U Server

Overall Specification:

- Dimension: 90.7 x 85.0 x 64.0 mm
- Weight: 500g
- Material: Copper Base & Aluminum Fins with Heat Pipe embedded.
- 6025 Side-blow fan with PWM Function
- Cooler Mounted in Captive design
- Back Strip Set is included
- With Thermal Grease TIG830SP Pre-printed
- Support CPU Power up to 95 Watts

Fan Specification:

- Dimension: 60 x 60 x 25 mm
- Rated Speed:
 - At Duty Cycle 0~20%: 1600± 200 RPM
 - At Duty Cycle 50%: 2300± 10% RPM
 - At Duty Cycle 100%: 5000± 10% RPM
- Bearing: Double Ball
- Rated Voltage: 12V
- Input Power:
 - At Duty Cycle 0~20%: 0.72 W
 - At Duty Cycle 50%: 1.2 W
 - At Duty Cycle 100%: 3.0 W

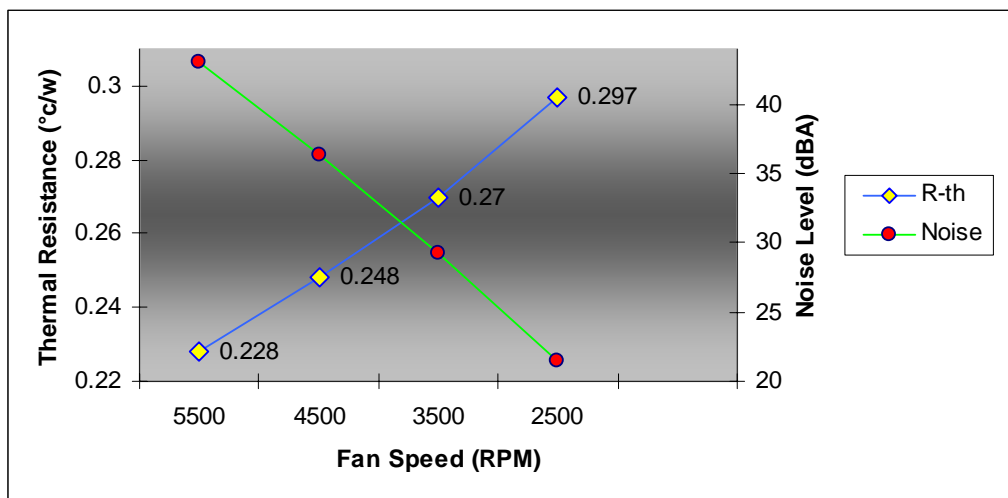
- Maximum Airflow:
 - At Duty Cycle 0~20%: 8.5 CFM
 - At Duty Cycle 50%: 12.2 CFM
 - At Duty Cycle 100%: 26.45 CFM

- Rated Static Pressure:
 - At Duty Cycle 0~20%: 0.75 mm-H₂O
 - At Duty Cycle 50%: 1.55 mm-H₂O
 - At Duty Cycle 100%: 7.32 mm-H₂O

- Acoustical Noise:
 - At Duty Cycle 0~20%: 13.8 dBA
 - At Duty Cycle 50%: 21.8 dBA
 - At Duty Cycle 100%: 38.7 dBA

- Lead Wire Pin Out:
 - Pin#1-Black(-)
 - Pin#2- Yellow(+)
 - Pin#3- Green(Tachometer/ Signal Output)
 - Pin#4- Blue (PWM)

Performance Chart, K666 Thermal Resistance & Noise VS. Cooling Fan Speed



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