



Model Number: K985

- Recommend for Intel® Core™ i5 I5-750; Xeon® Processor 3400 Series; Core™ i7 Processors I7-870 & I7-860; Socket LGA1156
- Active Cooler for 3U Server & Up

Overall Specification:

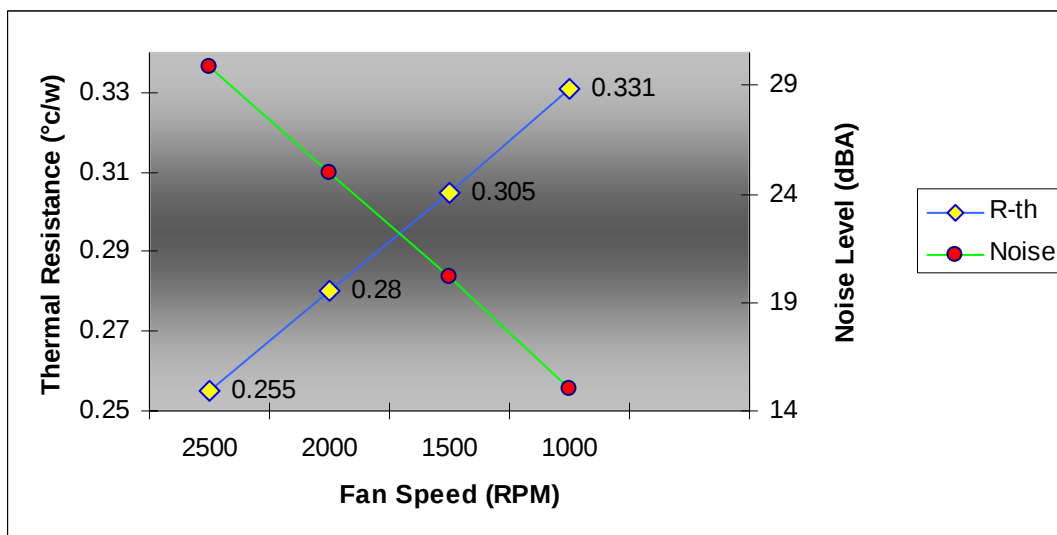
- Dimension: 106.0 x 106.0 x 72.6mm
- Weight: 500g
- Material: Aluminum Radial fin Heat Sink with Copper Inserted
- 9225 Round Fan Top-Down Blowing
- Captive with Screw-on Retention
- Finger Guard Protection
- Back Strip Set is included
- Thermal Grease Pre-Printed with GE-Toshiba TIG830SP
- Support CPU Power up to 95 Watts

Fan Specification:

- Dimension: Ø92.0 x 25.0 mm
- Bearing: Single-Ball
- Rated Voltage: 12V
- Rated Speed:
 - o At Duty Cycle 0~20%: 700 RPM
 - o At Duty Cycle 50%: 1400 RPM
 - o At Duty Cycle 100%: 2500 RPM
- Rated Input Power:
 - o At Duty Cycle 0~20%: 0.72 W
 - o At Duty Cycle 50%: 1.08 W
 - o At Duty Cycle 100%: 3.6 W

- Rated Airflow:
 - o At Duty Cycle 0~20%: 14.98 CFM
 - o At Duty Cycle 50%: 29.90 CFM
 - o At Duty Cycle 100%: 46.96 CFM
- Rated Static Pressure:
 - o At Duty Cycle 0~20%: 0.290 mm-H₂O
 - o At Duty Cycle 50%: 1.070 mm-H₂O
 - o At Duty Cycle 100%: 2.977 mm-H₂O
- Rated Acoustical Noise:
 - o At Duty Cycle 0~20%: 14.70 dBA
 - o At Duty Cycle 50%: 18.50 dBA
 - o At Duty Cycle 100%: 29.85 dBA
- Lead Wire Pin Out:
 - o Pin#1-Black(-)
 - o Pin#2- Yellow(+)
 - o Pin#3- Green(Tachometer/ Signal Output)
 - o Pin#4- Blue (PWM)

Performance Chart, K985 Thermal Resistance & Noise VS. Cooling Fan Speed



9/11/2009

Lang