



## Model Number: K555

- 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 & Up

### Overall Specification:

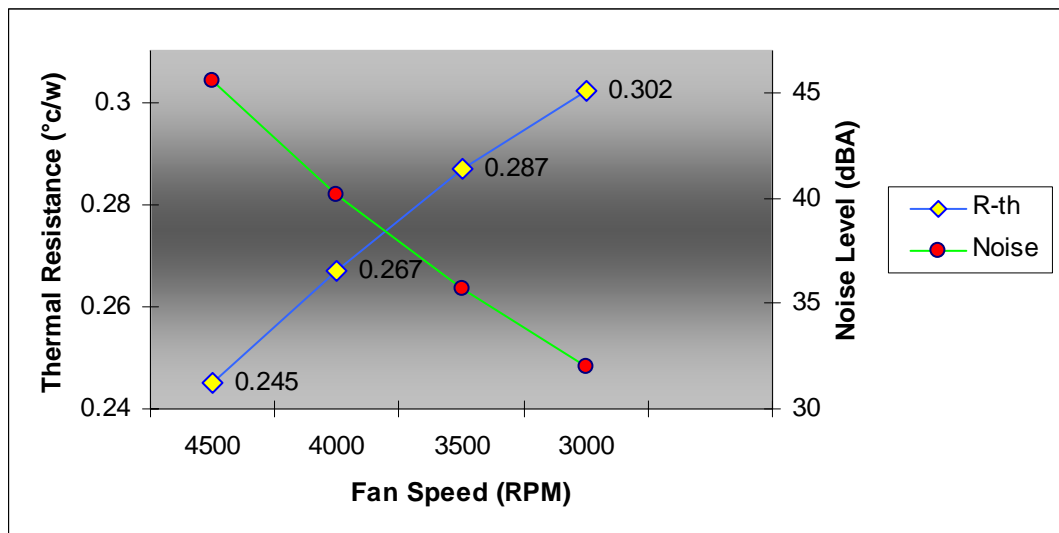
- Dimension: 94.0 x 87.5 x 67.7mm
- Weight: 460g ± 5g
- Material: Copper Base & Aluminum Fins with Heat pipes embedded
- 7720 Top-Down Blowing Fan
- Captive with Screw-on Retention
- Finger Guard Protection
- Back Strip Set is included
- Thermal Grease Pre-Printed with GE-Toshiba TIG830SP
- Support CPU Power up to 95 Watts

### Fan Specification:

- Dimension: 77 x 77 x 20mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20%: 1000 RPM
  - At Duty Cycle 50%: 2500 RPM
  - At Duty Cycle 100%: 4500 RPM
- Rated Input Power:
  - At Duty Cycle 0~20%: 0.84 W
  - At Duty Cycle 50%: 1.44 W
  - At Duty Cycle 100%: 6.0 W

- Rated Airflow:
  - At Duty Cycle 0~20%: 10.12 CFM
  - At Duty Cycle 50%: 25.30 CFM
  - At Duty Cycle 100%: 45.56 CFM
  
- Rated Static Pressure:
  - At Duty Cycle 0~20%: 0.185mm-H<sub>2</sub>O
  - At Duty Cycle 50%: 1.156mm-H<sub>2</sub>O
  - At Duty Cycle 100%: 3.746mm-H<sub>2</sub>O
  
- Rated Acoustical Noise:
  - At Duty Cycle 0~20%: 13.14 dBA
  - At Duty Cycle 50%: 33.04 dBA
  - At Duty Cycle 100%: 45.8 dBA
  
- Lead Wire Pin Out:
  - Pin#1-Black(-)
  - Pin#2- Yellow(+)
  - Pin#3- Green(Tachometer/ Signal Output)
  - Pin#4- Blue (PWM)

**Performance Chart, K555 Thermal Resistance & Noise VS. Cooling Fan Speed**



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