



## Model Number: K199

- Recommend for Intel® Core™ i5 I5-750; Xeon® Processor 3400 Series; Core™ i7 Processors I7-870 & I7-860; Socket LGA1156
- Active Cooler for 1U Server

### Overall Specification:

- Dimension: 85.0 x 81.5 x 28.5mm
- Weight: 355g ± 5g
- Material: Copper Heat Sink with Skiving Fins
- Orientations switchable without on-board component interference
- Back Strip Set is included
- Thermal Grease Pre-Printed with GE-Toshiba TIG830SP
- Support CPU Power up to 95 Watts

### Blower Specification:

- Dimension: Ø80.0 x 15.0 mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
  - o At Duty Cycle 0~20%: 1200 RPM
  - o At Duty Cycle 50%: 2600 RPM
  - o At Duty Cycle 100%: 5000 RPM
- Rated Input Power:
  - o At Duty Cycle 0~20%: 0.60 W
  - o At Duty Cycle 50%: 1.44 W
  - o At Duty Cycle 100%: 9.6 W

- Rated Airflow:
  - o At Duty Cycle 0~20%: 3.533 CFM
  - o At Duty Cycle 50%: 7.654 CFM
  - o At Duty Cycle 100%: 14.719 CFM
- Rated Static Pressure:
  - o At Duty Cycle 0~20%: 2.083 mm-H<sub>2</sub>O
  - o At Duty Cycle 50%: 9.780 mm-H<sub>2</sub>O
  - o At Duty Cycle 100%: 36.168 mm-H<sub>2</sub>O
- Rated Acoustical Noise:
  - o At Duty Cycle 0~20%: 20.71 dBA
  - o At Duty Cycle 50%: 37.5 dBA
  - o At Duty Cycle 100%: 51.7 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)

### Active Cooler K199 Cooling Performance VS. Airflow & Noise:

