



NEW PRODUCT SPEC SHEET



Model Number: K786

- 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: 90.0 x 90.0 x 61.8mm
- Weight: 490g ± 3g
- Material: Aluminum Extruded Radial Fin Heat Sink with Copper Inserted
- 7720 Top-Down Blowing Fan
- Push-pin Fastener Mounting
- Thermal Grease Pre-Printed with GE-Toshiba TIG830SP
- Support CPU Power up to 95Watts

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-H₂O
 - At Duty Cycle 50%: 1.156mm-H₂O
 - At Duty Cycle 100%: 3.746mm-H₂O

- 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, K786 Thermal Resistance VS. Cooling Fan Speed & Noise

