



## **NEW PRODUCT SPEC SHEET**

### **Model Number: K5**

- Recommend for Intel® 3rd. Generation Core™ i3 / i5 / i7 Desktop Processors, Socket LGA1155  
Previous Generation Core™ i3 / i5 / i7 Desktop Processors, Socket LGA1156
- Active Cooler for Chassis Height 1.5U & Up ( > 2.7 Inch )

#### **Overall Specification:**

- Dimension:  $\varnothing 92.0 \times 41.0$  mm
- Weight: 200g  $\pm$  5g
- Material: Aluminum 6063-T5 Extruded Radial Fin Heat Sink
- 9225 Top-Down Blowing Fan
- Screw Fastener Captive Mounting
- Interference-Free Mounting Backplate is Included
- Pre-Printed TIG830SP Thermal Grease
- Support CPU Power up to 77 Watts

#### **Fan Specification:**

- Dimension:  $\varnothing 92 \times 25.0$  mm
- Bearing: Ball
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20%: 1000 RPM
  - At Duty Cycle 50%: 1400 RPM
  - At Duty Cycle 100%: 2500 RPM
- Rated Input Power:
  - At Duty Cycle 0~20%: 0.72 W
  - At Duty Cycle 50%: 1.08 W
  - At Duty Cycle 100%: 3.6 W

- Rated Airflow:
  - At Duty Cycle 0~20%: 14.98 CFM
  - At Duty Cycle 50%: 29.9 CFM
  - At Duty Cycle 100%: 46.96 CFM
- Rated Static Pressure:
  - At Duty Cycle 0~20%: 0.29 mm-H<sub>2</sub>O
  - At Duty Cycle 50%: 1.07 mm-H<sub>2</sub>O
  - At Duty Cycle 100%: 2.98 mm-H<sub>2</sub>O
- Rated Acoustical Noise:
  - At Duty Cycle 0~20%: 14.7 dBA
  - At Duty Cycle 50%: 18.5 dBA
  - At Duty Cycle 100%: 29.8 dBA
- Lead Wire Pin Out:
  - Pin#1-Black(-)
  - Pin#2- Yellow(+)
  - Pin#3- Green(Tachometer/ Signal Output)
  - Pin#4- Blue (PWM)

### Model K5 Performance Chart

