

NEW PRODUCT SPEC SHEET

Model Number: K2

- Recommend for Intel® Xeon® Processor E3 Family, Socket LGA1155
2nd Generation Core™ i3 / i5 / i7 Desktop Processors, Socket LGA1155
Previous Generation Core™ i3 / i5 / i7 Desktop Processors, Socket LGA1156
- Active Cooler for Mini-ITX Form Factor and Quiet Solution

Overall Specification:

- Dimension: 82.6 x 81.0 x 27.8mm
- Weight: 380g ± 5g
- Material: Copper Heat Sink with Skiving Fins
- Alloy Frame Blower with PWM function
- Plastic Push-Pin Mounting for avoiding interference with back end components
- GE-Toshiba TIG830SP Thermal Grease Pre-Printed
- Support CPU Power up to 73 Watts

Blower Specification:

- Model Number: DB127515BM-PWVG
- Dimension: Ø75.0 x 15.0 mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20%: 1000±10% RPM
 - At Duty Cycle 50%: 2500±10% RPM
 - At Duty Cycle 100%: 4000 RPM Max
- Rated Input Power:
 - At Duty Cycle 0~20%: 0.60 W
 - At Duty Cycle 50%: 1.80 W
 - At Duty Cycle 100%: 4.80 W

- Rated Airflow:
 - At Duty Cycle 0~20%: 6.0 CFM
 - At Duty Cycle 50%: 8.3 CFM
 - At Duty Cycle 100%: 11.9 CFM
- Rated Static Pressure:
 - At Duty Cycle 0~20%: 2.2 mm-H₂O
 - At Duty Cycle 50%: 11.5 mm-H₂O
 - At Duty Cycle 100%: 23.6 mm-H₂O
- Rated Acoustical Noise:
 - At Duty Cycle 0~20%: 21.0 dBA
 - At Duty Cycle 50%: 37.8 dBA
 - At Duty Cycle 100%: 44.0 dBA
- Lead Wire Pin Out:
 - Pin#1-Black(-)
 - Pin#2- Yellow(+)
 - Pin#3- Green(Tachometer/ Signal Output)
 - Pin#4- Blue (PWM)

Active Cooler K2 Cooling Performance VS. Airflow & Noise:

