

K2

1U Active Air Cooler

PRODUCT SPECIFICATIONS

Model Number: K2

- Recommend for Intel® CPU as following
 - Intel® Xeon® Processor E3 v4 Family, Socket FCLGA 1150
 - Intel® Xeon® E Processor/Intel Core™ i7 Processor, Socket FCLGA 1151;
 - Intel® Xeon® Processor E3 Family/Intel Core™ i5 Processor, Socket LGA 1155;
 - Intel® Xeon® processor X3400, Socket LGA 1156;
 - Intel® Core™ i3/i5/i7 Processor, Socket FCLGA 1200;
- Active Cooler for Mini-ITX Form Factor and Quiet Solution

Overall Specification

Dimension	82.6 x 81.0 x 27.8 mm
Weight	380g ± 5g
Material	Copper Heat Sink with Skiving Fins
Fan	Alloy Frame Blower with PWM function
Mounting Method	Plastic Push-Pin Mounting for avoiding interference with back end components
Thermal Grease	GE-Toshiba TIG830SP Thermal Grease Pre-Printed
TDP	Support 125 Watts CPU Power Heat Dissipation

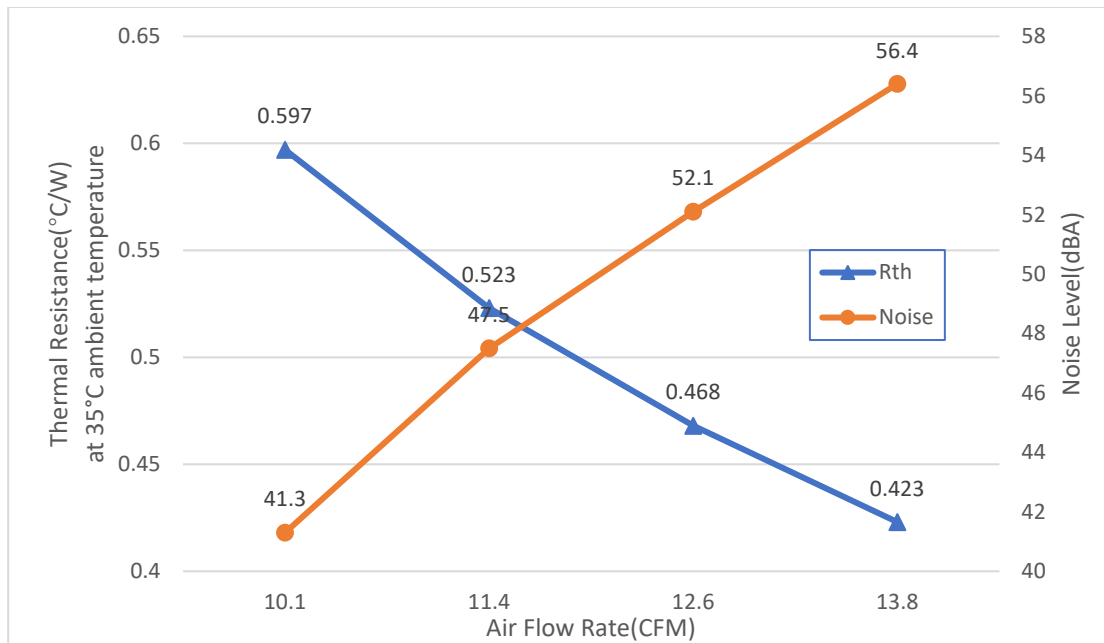
Blower Specification

Model Number	DB127515BM-PWMG
Dimension	∅75.0 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
Power Consumed	At Duty Cycle 0~20%: 0.60 W At Duty Cycle 50%: 1.80 W At Duty Cycle 100%: 4.80 W
Maximum 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
Acoustical Noise	At Duty Cycle 0~20%: 21.0 dBA At Duty Cycle 50%: 37.8 dBA At Duty Cycle 100%: 44.0 dBA

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Lead Wire Pin Out	Pin#1- Black(-) Pin#2- Yellow(+) Pin#3- Green(Tachometer/ Signal Output) Pin#4- Blue (PWM)
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Performance Chart: Active Cooler K2 Thermal Resistance Cooling Performance vs. Airflow



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Cooling Performance vs. Fan Speed

