

K6

1U Active Air Cooler

PRODUCT SPECIFICATIONS

Model Number: K6

- 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;
- Active Cooler for 1U Chassis & up

Overall Specification

Dimension	83 x 81x 27.8 mm
Weight	200g ± 5g
Material	Aluminum 6061 Skived Fins Heat Sink
Fan	Plastic Frame 8015 Blower with PWM Function
Mounting Method	Screw Fastener Captive Mounting
Back Strip Set/Plate	Motherboard Interference-Free Mounting Back Strips Included
Thermal Grease	Pre-Printed Shin Etsu 7762 Thermal Grease
TDP	Support 65 Watts CPU Power Heat Dissipation

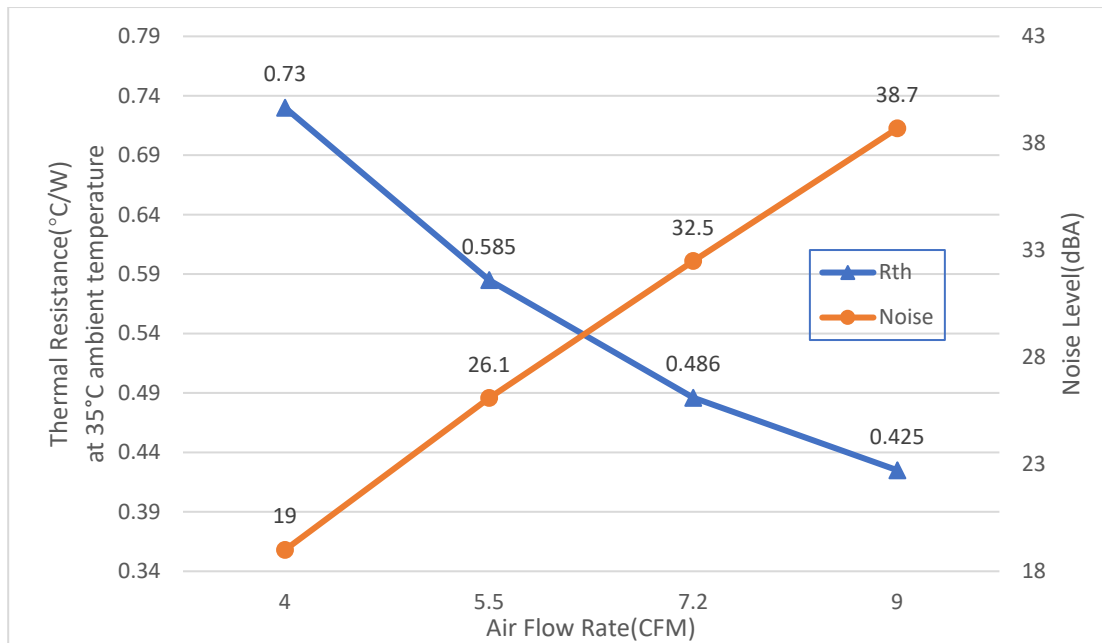
Blower Specification

Model Number	DB128015BL-PWM (PPS)
Dimension	ø80 x 15 mm
Bearing	Double-Ball
Rated Voltage	12V
Rated Speed	At Duty Cycle 0~20%: 1200 ± 150 RPM At Duty Cycle 50%: 1700 ± 10% RPM At Duty Cycle 100%: 3000 ± 10% RPM
Power Consumed	At Duty Cycle 0~20%: 0.96 W At Duty Cycle 50%: 1.20 W At Duty Cycle 100%: 5.04 W
Maximum Airflow	At Duty Cycle 0~20%: 3.6 CFM At Duty Cycle 50%: 5.1 CFM At Duty Cycle 100%: 9.0 CFM
Rated Static Pressure	At Duty Cycle 0~20%: 0.083 mm- H2O At Duty Cycle 50%: 0.167 mm-H2O At Duty Cycle 100%: 0.52 mm-H2O
Acoustical Noise	At Duty Cycle 0~20%: 18.8 dBA At Duty Cycle 50%: 26.3 dBA At Duty Cycle 100%: 38.7 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 K6 Thermal Resistance Cooling Performance vs. Airflow



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Cooling Performance vs. Fan Speed

