



K5

2U Active Air Cooler

PRODUCT SPECIFICATIONS

Model Number: K5

- 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™ i9 Processor, Socket FCLGA 1200;
- Active Cooler for Chassis Height 1.5U & Up (> 2.7 Inch) Chassis Height

Overall Specification

Dimension	ø92.0 x 41.0 mm
Weight	200g ± 5g
Material	Aluminum 6063-T5 Extruded Radial Fin Heat Sink
Fan	9225 Top-Down Blowing Fan
Mounting Method	Screw Fastener Captive Mounting
Backplate	Interference-Free Mounting Backplate is Included
Thermal Grease	Shin-Etsu Thermal Grease Pre-Printed
TDP	Support 125 Watts CPU Power Heat Dissipation

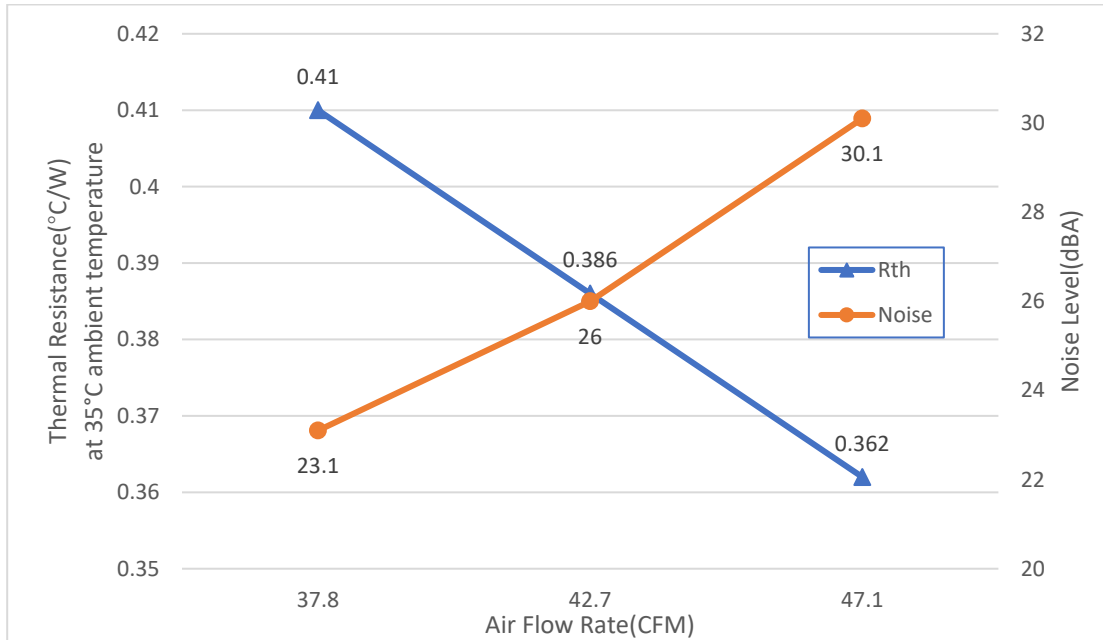
Fan Specification

Dimension	ø92 x 25.0 mm
Bearing	Double-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
Power Consumed	At Duty Cycle 0~20%: 0.72 W At Duty Cycle 50%: 1.08 W At Duty Cycle 100%: 3.6 W
Maximum 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-H2O At Duty Cycle 50%: 1.07 mm-H2O At Duty Cycle 100%: 2.98 mm-H2O
Acoustical Noise	At Duty Cycle 0~20%: 14.7 dBA At Duty Cycle 50%: 18.5 dBA At Duty Cycle 100%: 29.8 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)

Performance Chart: Active Cooler K5 Thermal Resistance Cooling Performance vs. Airflow



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Cooling Performance vs. Fan Speed

