



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 | GE-Toshiba TIG830SP Thermal Grease Pre-Printed |
| TDP | Support 125 Watts CPU Power Heat Dissipation |

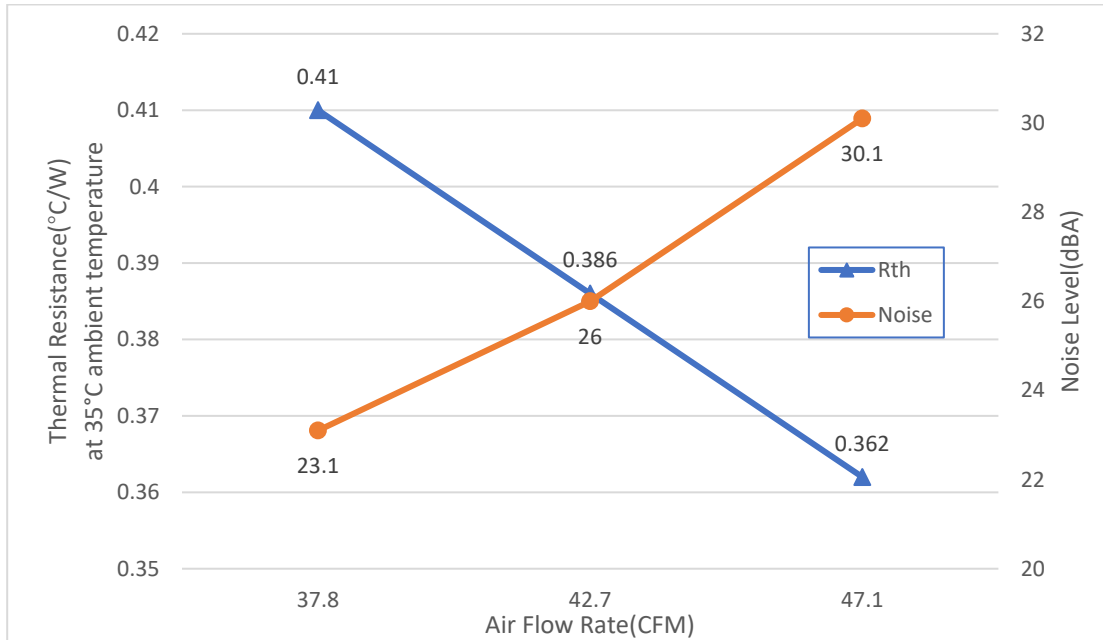
Fan Specification

| | |
|-----------------------|---|
| 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 |

K5 | Socket LGA 115x/1200

| | |
|-------------------|---|
| 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



Cooling Performance vs. Fan Speed

