

K650

2U Active Air Cooler

PRODUCT SPECIFICATIONS

Model Number: K650

- 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 2U Server

Overall Specification

Dimension	88.5 x 87.0 x 64.0 mm
Weight	460 g
Material	Copper Base with Aluminum Stacked Fin
Fan	6025 Side-blow fan with PWM Function
Mounting Method	Cooler Mounted with Captive Design
Back Strip Set/Plate	Included
Thermal Grease	Pre-Printed with GE-Toshiba TIG830SP
TDP	Up to 125 Watts CPU Power Heat Dissipation

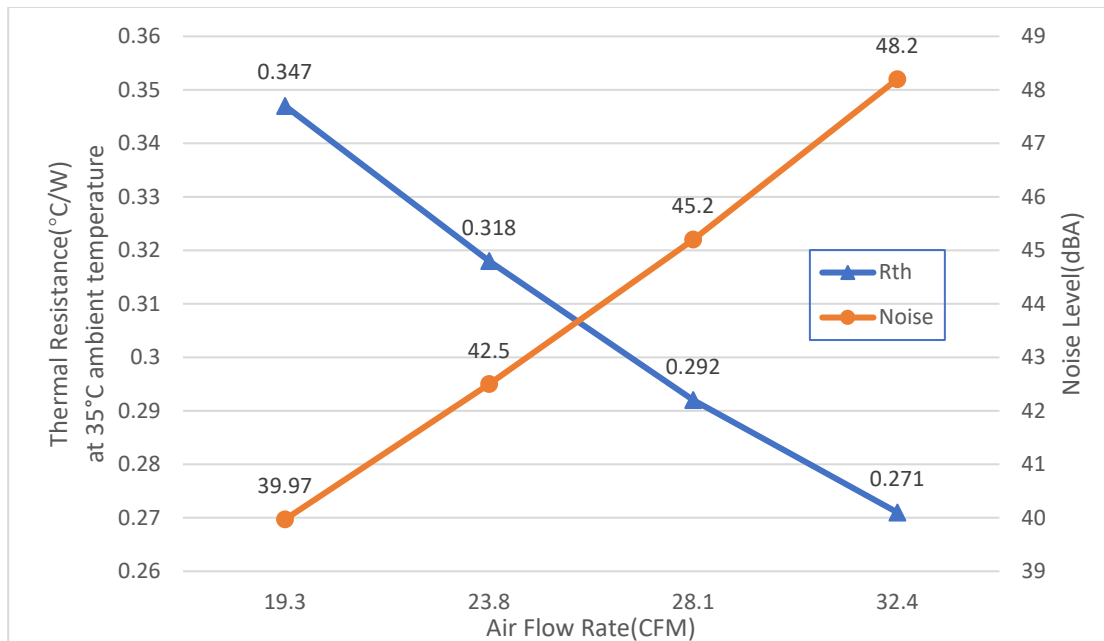
Cooling Fan Specification

Dimension	60 x 60 x 25mm
Bearing	Double-Ball
Rated Voltage	12V
Rated Speed	At Duty Cycle 0~20%: 1400 RPM At Duty Cycle 50%: 3500 RPM At Duty Cycle 100%: 7000 RPM
Input Power	At Duty Cycle 0~20%: 0.6 W At Duty Cycle 50%: 1.20 W At Duty Cycle 100%: 5.4 W
Maximum Airflow	At Duty Cycle 0~20%: 7.405 CFM At Duty Cycle 50%: 18.517 CFM At Duty Cycle 100%: 38.283 CFM
Rated Static Pressure	At Duty Cycle 0~20%: 0.574 mm- H2O At Duty Cycle 50%: 3.586 mm-H2O At Duty Cycle 100%: 13.552 mm-H2O
Acoustical Noise	At Duty Cycle 0~20%: 20.8 dBA At Duty Cycle 50%: 35.9 dBA At Duty Cycle 100%: 48.1 dBA

K650 | Socket LGA 1156/1200

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 K650 Thermal Resistance Cooling Performance vs. Airflow



Cooling Performance vs. Fan Speed

