

# K666

2U Active Air Cooler

**PRODUCT SPECIFICATIONS**

## Model Number: K666

- 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 & Up

## Overall Specification

Dimension	90.7 x 85.0 x 64.0 mm
Weight	500g
Material	Copper Base & Aluminum Fins with Heat Pipe embedded
Fan	6025 Side-blow fan with PWM Function
Mounting Method	Cooler Mounted in Captive design
Back Strip Set	Included
Thermal Grease	TIG830SP Pre-printed
TDP	Up to 125 Watts

## Cooling Fan Specification

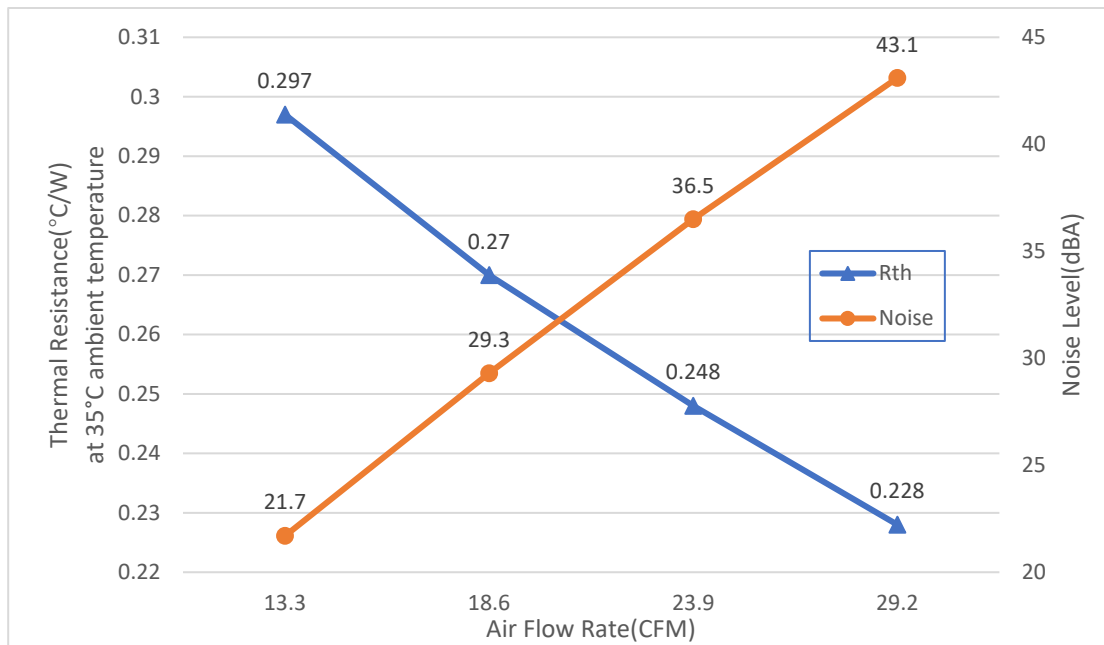
Dimension	60 x 60 x 25 mm
Bearing	Double Ball
Rated Voltage	12V
Rated Speed	At Duty Cycle 0~20%: 1600 ± 200 RPM At Duty Cycle 50%: 2300 ± 10% RPM At Duty Cycle 100%: 5000 ± 10% RPM
Input Power	At Duty Cycle 0~20%: 0.72 W At Duty Cycle 50%: 1.2 W At Duty Cycle 100%: 3.0 W
Maximum Airflow	At Duty Cycle 0~20%: 8.5 CFM At Duty Cycle 50%: 12.2 CFM At Duty Cycle 100%: 26.45 CFM
Rated Static Pressure	At Duty Cycle 0~20%: 0.75 mm-H2O At Duty Cycle 50%: 1.55 mm-H2O At Duty Cycle 100%: 7.32 mm-H2O
Acoustical Noise	At Duty Cycle 0~20%: 13.8 dBA At Duty Cycle 50%: 21.8 dBA At Duty Cycle 100%: 38.7 dBA

**K666** | Socket LGA 1156/1200

<b>Lead Wire Pin Out</b>	Pin#1- Black(-) Pin#2- Yellow(+) Pin#3- Green(Tachometer/ Signal Output) Pin#4- Blue (PWM)
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## Performance Chart: Active Cooler K666 Thermal Resistance

### Active Cooler K666 Cooling Performance vs. Airflow



## Active Cooler K666 Cooling Performance vs. Fan Speed

