

K668

2U Active Air Cooler

PRODUCT SPECIFICATIONS

Model Number: K668

- 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
- Support CPU Power up to 165 Watts Heat Dissipation

Overall Specification

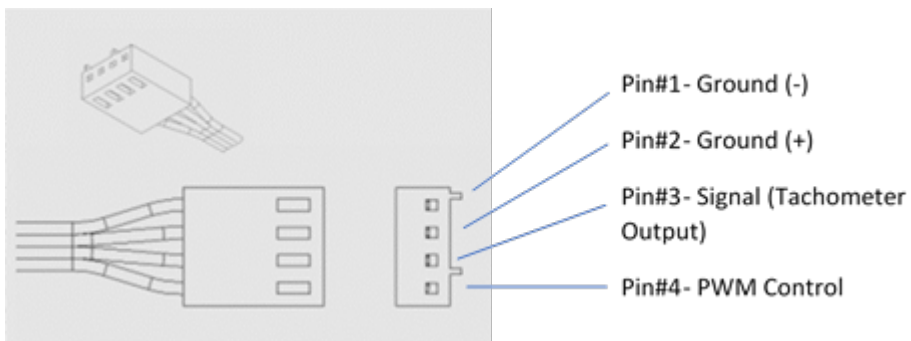
Dimension	81.00 x 80.00 x 68.00 mm
Weight	700±5g
Material	Copper Heat Sink with Heat Pipes embedded
Fan	6025 Side-blow fan with PWM Function
Mounting Method	Cooler Mounted in Captive design
Back Strip Set	Included
Thermal Grease	Shin-Etsu G751 Pre-printed
TDP	Up to 165 Watts

Cooling Fan Specification

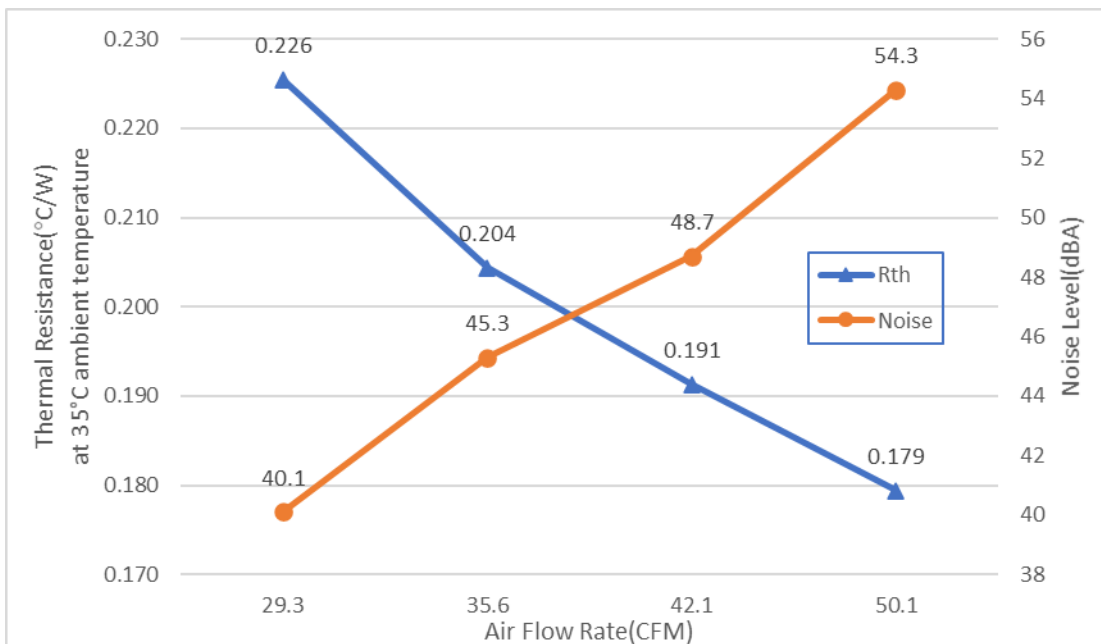
Model Number	DF126025BU-PWM
Dimension	60 x 60 x 25 mm
Bearing	Double Ball
Rated Voltage	12V
Rated Speed	At Duty Cycle 0~20%: 1700+ 200 RPM At Duty Cycle 50%: 4000+ 10% RPM At Duty Cycle 100%: 8000~8500 RPM
Input Power	At Duty Cycle 0~20%: 1.2 W At Duty Cycle 50%: 2.5 W At Duty Cycle 100%: 9.6 W
Airflow	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%: 19.32 dBA At Duty Cycle 50%: 37.89 dBA At Duty Cycle 100%: 54.26 dBA
Lead Wire Pin Out	Pin#1- Black(-) Pin#2- Yellow(+) Pin#3- Green(Tachometer/ Signal Output) Pin#4- Blue (PWM)

Lead Wire Pin Out Diagram



Performance Chart: Active Cooler K668 Thermal Resistance Cooling Performance vs. Airflow



Cooling Performance vs. Fan Speed

