

# K17

3U Active Air Cooler

**PRODUCT SPECIFICATIONS**

## Model Number: K17

- Recommended for Intel® Processors 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 Workstation, 3U Server & Up

## Overall Specification

Dimension	91.0 x 91.0 x 110.0 mm (L x W x H)
Weight	530 ± 5 g
Material	Aluminum Fin + (4x) Heat Pipes with HCC enhancement
Heat Pipes	Smart Heat Pipes Orientation where Against Gravity
Fan	92 CM Plastic Quiet Fan with 4-Pin PWM Connector
Fan Mounting	Pre-installed solid PC Frame Clip for Cooling Fan mounting
Mounting Method	Easy Cooler Installation with Captive Mounting Screws
Backing Plate	Included
Thermal Grease	Shin-Etsu 7762 Thermal Compound Pre-Printed
TDP	Up to 125 Watts CPU Power Heat Dissipation

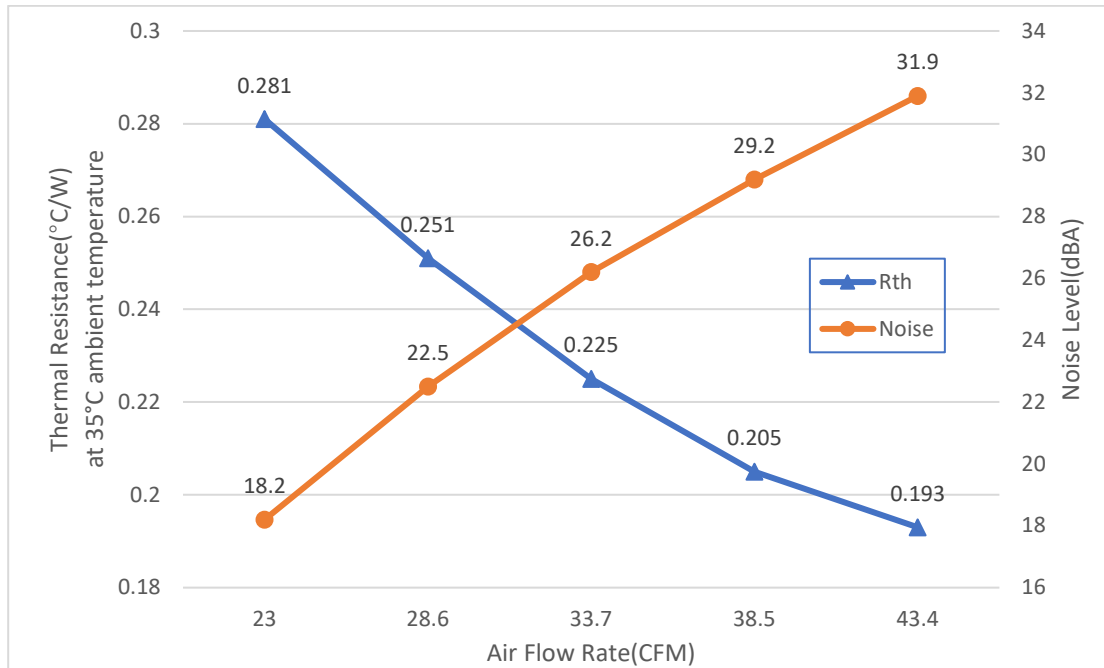
## Cooling Fan Specification

Model Number	DF129225BM-PWMG
Dimension	Ø92 x 25 mm
Bearing	Double Ball
Rated Voltage	12V
Rated Speed	At Duty Cycle 0~20%: 1000 ± 200 RPM At Duty Cycle 50%: 1800 ±10% RPM At Duty Cycle 100%: 2500 ±10% RPM
Input Power	At Duty Cycle 0~20%: 0.96 W At Duty Cycle 50%: 1.44 W At Duty Cycle 100%: 3.0 W
Maximum Airflow	At Duty Cycle 0~20%: 17.34 CFM At Duty Cycle 50%: 31.21 CFM At Duty Cycle 100%: 43.36 CFM
Rated Static Pressure	At Duty Cycle 0~20%: 0.48 mm-H2O At Duty Cycle 50%: 1.155 mm-H2O At Duty Cycle 100%: 3.0 mm-H2O

**K17 | Socket LGA 115X/1200**

Acoustical Noise	At Duty Cycle 0~20%: 17.0 dBA At Duty Cycle 50%: 24.78 dBA At Duty Cycle 100%: 31.92 dBA
Lead Wire Pin Out	Pin#1- Black(-) Pin#2- Yellow(+) Pin#3- Green(Tachometer/ Signal Output) Pin#4- Blue (PWM)

## Performance Chart: Active Cooler K17 Thermal Resistance Cooling Performance vs. Airflow



## Cooling Performance vs. Fan Speed

