



NEW PRODUCT SPEC SHEET

Model Number: **R16**

- Intel® Core™ X-series Processors, Socket FCLGA 2066 ; products formerly Cascade Lake; Intel® Xeon® Processor E7 v4 Family, Socket FCLGA 2011; products formerly Broadwell; Intel® Xeon® Processor E5 v4 Family, Socket FCLGA 2011; products formerly Haswell
- For Square ILM Only
- Vapor Chamber Active Cooler for 1U Server

Overall Specification:

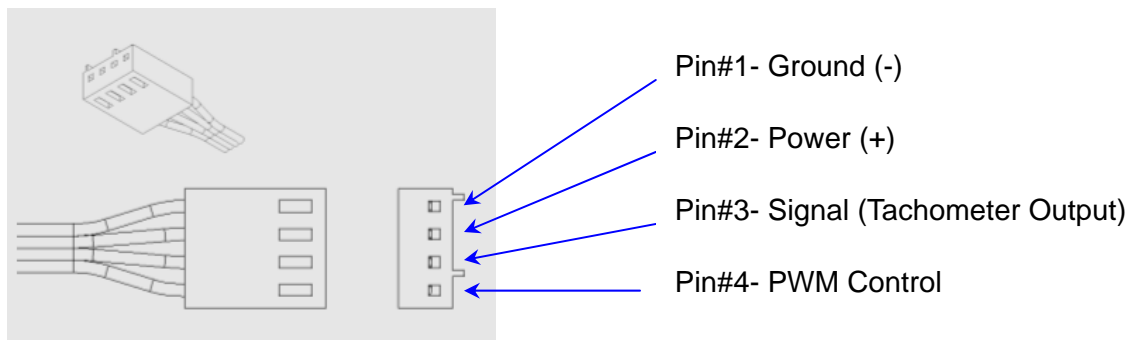
- Dimension: 90.0 x 90.0 x 28.0 mm
- Weight: 390g ± 5g
- Material: Vapor Chamber Base with Copper Stacked Fin
- Fin Direction Perpendicular to System Airflow
- Alloy Frame Blower with PWM function
- Convenient Heat Sink Captive Mounting
- Shin-Etsu G751 Thermal Grease Pre-Printed
- Backing Plate is not included
- Support CPU Power up to 165 Watts

Blower Specification:

- Model Number: DB128015BU-PWVG
- Dimension: Ø80 x 15 mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20%: 1000±10% RPM
 - At Duty Cycle 50%: 3500±10% RPM
 - At Duty Cycle 100%: 6000 RPM Min
- Rated Input Power:
 - At Duty Cycle 0~20%: 0.60W
 - At Duty Cycle 50%: 3.84W
 - At Duty Cycle 100%: 14.4W

- Rated Airflow:
 - At Duty Cycle 0~20%: 6.5 CFM
 - At Duty Cycle 50%: 11.2 CFM
 - At Duty Cycle 100%: 19.1 CFM
- Rated Static Pressure:
 - At Duty Cycle 0~20%: 2.27 mm-H₂O
 - At Duty Cycle 50%: 18.56 mm-H₂O
 - At Duty Cycle 100%: 54.5 mm-H₂O
- Rated Acoustical Noise:
 - At Duty Cycle 0~20%: 21.5 dBA
 - At Duty Cycle 50%: 43.0 dBA
 - At Duty Cycle 100%: 55.8 dBA

- Lead Wire Pin Out Diagram :



Active Cooler R18 Cooling Performance VS. Airflow & Acoustical Level:

