



DYNATRON

The Thermal Solution Architect

WWW.DYNATRON-CORP.COM

Product Spec Sheet

B3

Application :

- Recommend for Intel® Xeon® Platinum / Gold Family Processor (Products formerly Skylake), Socket FCLGA3647
- **For Narrow ILM Only**
- Active Cooler for 1U Server

Overall Specification :

- Dimension: 107 x 80.5 x 28 mm
- Weight: 460g
- Material : Copper 1100 Skiving Heatsink
- 8015 Aluminum PWM Blower for Heat Exhausting
- Convenient Heat Sink Screw captive mounting
- Thermal Grease Shin-Etsu 7762 Pre-printed
- Support CPU power up to 165 Watts heat dissipation
- Includes both Fabric and Non-Fabric Package Carriers

Blower Specification:

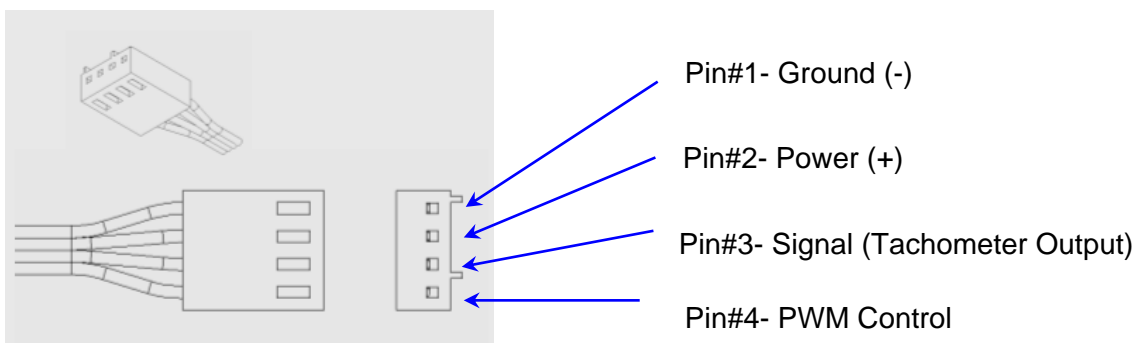
- Model Number: DB128015BU-PWM / A
- Dimension: Ø80 x 15 mm
- Bearing: Ball Type, Double
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20%: 1000 ± 200 RPM
 - At Duty Cycle 50%: 4000 ± 10% RPM
 - At Duty Cycle 100%: 7000 ± 10% RPM
- Rated Input Power:
 - At Duty Cycle 0~20%: 0.6 W
 - At Duty Cycle 50%: 3.84 W
 - At Duty Cycle 100%: 19.2 W
- Rated Airflow:
 - At Duty Cycle 0~20%: 3.0 CFM
 - At Duty Cycle 50%: 12.0 CFM
 - At Duty Cycle 100%: 21.0 CFM

- Rated Static Pressure:
 - At Duty Cycle 0~20%: 1.5 mm-H₂O
 - At Duty Cycle 50%: 23.2 mm-H₂O
 - At Duty Cycle 100%: 70.9 mm-H₂O

- Rated Acoustical Noise:
 - At Duty Cycle 0~20%: 16.0 dBA
 - At Duty Cycle 50%: 44.9 dBA
 - At Duty Cycle 100%: 57.1 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 :



Active Cooler B3 Thermal Performance Curve :

