



NEW PRODUCT SPEC SHEET

Model Number: A6

- Recommend for AMD® Opteron™ 6000 series, Socket G34 1974
- Active Blow-Down Cooler for 2U Server & up

Overall Specification:

- Dimension: 114.0 x 75.5 x 66.7 mm
- Weight: 480 +/- 5g
- Mounting Pitch 4.1" (104.1 mm)
- Material: Copper 1100 Base, Aluminum Stacked Fins with Heatpipes Embedded
- 7720 Cooling Fan with PWM Function
- Safety Fan Guard is included
- Captive with Screw-on Mounting
- Thermal Grease Pre-printed with GE-Toshiba TIG830SP
- Support CPU Power up to 115 Watts

Fan Specification:

- Dimension: 77.0 x 77.0 x 20.0 mm
- Bearing: Double Ball
- Rated Voltage: 12V
- Rated Speed per PWM Duty:
 - o At Duty Cycle 0~20%: 1000 +/- 10% RPM
 - o At Duty Cycle 50%: 2600 +/- 10% RPM
 - o At Duty Cycle 100%: 5500 Min. / +5% RPM
- Input Power:
 - o At Duty Cycle 0~20%: 0.54 W
 - o At Duty Cycle 50%: 1.68 W
 - o At Duty Cycle 100%: 9.0 W

- Airflow Rate:
 - o At Duty Cycle 0~20%: 8.36 CFM
 - o At Duty Cycle 50%: 25.5 CFM
 - o At Duty Cycle 100%: 53.9 CFM

- Acoustical Noise:
 - o At
 - o Duty Cycle 0~20%: 20.6 dBA
 - o At Duty Cycle 50%: 35.1 dBA
 - o At Duty Cycle 100%: 51.4 dBA

- Air Pressure
 - o At Duty Cycle 0~20%: 0.24 mm-H₂O
 - o At Duty Cycle 50%: 1.25 mm- H₂O
 - o At Duty Cycle 100%: 5.59 mm- H₂O

- Lead Wire Pin Out:
 - o Pin#1-Black(-)
 - o Pin#2- Yellow(+)
 - o Pin#3- Green(Tachometer/ Signal Output)
 - o Pin#4- Blue (PWM)

Performance Chart, A6 Thermal Resistance / Noise VS. Cooling Fan Speed

