

## Intel Woodcrest 2U Active Thermal Solution

# P/N: CL-P0439

### Application for Intel Woodcrest 2U Active Solution



Heat Sink

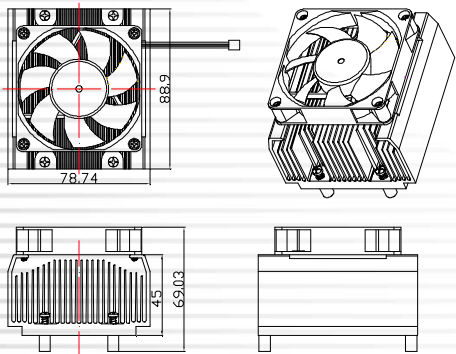


Aluminum Base



Side View

### DIMENSION



Unit: mm

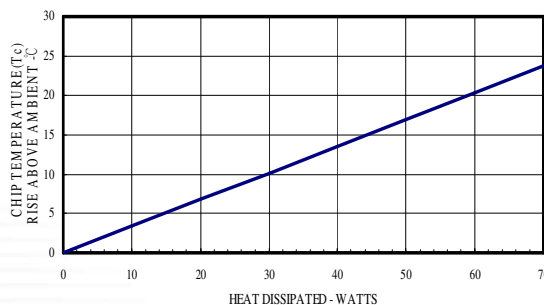
### SPECIFICATION

<b>Compatibility</b>	Intel Woodcrest 65W series : Xeon 5110/5120/5130/5140/5150 Intel Clovertown E5300
<b>Dimension</b>	(L)88.9 x (W)78.7 x (H)69.0 mm
<b>Fan Dimension</b>	(L)70 x (W)70 x (H)15 mm
<b>Heat Sink Material</b>	Aluminum Fin / Aluminum Base
<b>Rated Voltage</b>	12V
<b>Operating Range</b>	10.8~13.2V
<b>Consuming Current</b>	DUTY CYCLE=100% : 0.40 Amp (Max. 0.45 Amp) DUTY CYCLE=0% : 0.06 Amp (Max. 0.10 Amp)
<b>Consuming Power</b>	DUTY CYCLE=100% : 4.80 W (Max.5.40 W) DUTY CYCLE=0% : 0.72 W (Max.1.20 W)
<b>Rated Speed</b>	1500~6000 RPM (PWM)
<b>Air Flow</b>	DUTY CYCLE=100% : 46.98 CFM DUTY CYCLE=0% : 10.96 CFM
<b>Static Pressure</b>	DUTY CYCLE=100% : 8.94 mmH2O DUTY CYCLE=0% : 0.49 mmH2O
<b>Noise Level</b>	DUTY CYCLE=100% : 45 dBA (Max. 48dBA) DUTY CYCLE=0% : 21 dBA (Max. 23dBA)
<b>Connector</b>	4 Pin
<b>Bearing</b>	1 Ball 1 Sleeve
<b>Life expectancy</b>	40,000 Hrs
<b>TIM</b>	Dow Corning TC-5121
<b>Weight</b>	327g

### FEATURES:

- Aluminum heatsink with perfect pin-fin ratio.
- PWM (Pulse Width Modulation) fan has a speed control function: decreases energy consumption, reduces acoustics noise and increase fan performance.
- Dow Corning TC-5121 Interface material performs well

### Thermal Performance



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