

Customer: GELID Solutions	Rev.: Rev-00
Model: Siberian CPU cooler	Page: 1 of 5
Model No.: CC- Siberian -01	Issue date: 2014.06.18

Specification

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CPU COOLER SPECIFICATION

1. NOTES

- a. The dimension marks will check by Q.C.
- b. The Cooler detail dimensions and configuration are per the approval for vendors.

2. STANDARD ENVIRONMENTAL CONDITIONS

Temperature 25°C and relative humidity 60% shall be the standard if no doubt arises in the judgment however it is permitted that tests are conducted in the environment of temperature 5-35°C , relative humidity 45-85%.

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3. STRUCTURE AND FORM OF FAN

3-1	External	As per attached drawing
3-2	Housing	PBT
3-3	Fan blade	PBT
3-4	Bearing	Hydro Dynamic bearing
3-5	Connector wire	UL 1007 26AWG, L=250mm
3-6	Connector	4pins 2510

5. STRUCTURE AND FORM OF HEATSINK

4-1	Support Platform	AMD AM2/AM2+/AM3/AM3+/FM1/FM2 INTEL 775/1150/1155/1156
4-2	Heatsink body	AL6063T5 Aluminum Alloy
4-3	Support CPU TDP	82W
4-4	Cooler dimension(with fan)	120(L)x96(W)x66(H)mm
4-5	Weight(with fan)	236 gram

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4. RATING AND OPERATING CONDITIONS

4-1	Rated voltage	DC 12 V
4-2	Actual current	0.13 Amp
4-3	Actual input	1.56W
4-4	Starting voltage	7V
4-5	Operating voltage	10.8~13.2 DCV
4-6	Operating temperature	-10°C ~ +70°C
4-7	Storage temperature	-40°C ~ +70°C
4-8	Speed(PWM)	900+/-300 to 2200RPM +/- 10%
4-9	MTTF	50,000 Hours
4-10	Noise	22.5 dBA
4-11	Air flow rate	30.5 CFM
4-12	Static Pressure	1.7 mmAq

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6. MATERIAL

No.	COMPONENTS	MATERIAL OR TYPE	GRADE	UL No
1	FAN HOUSING	PBT	94-V0	
2	FAN BLADE	PBT	94-V0	
3	BOBBIN	PBT 100%	94-V0	
4	SHAFT	STAINLESS STEEL		
5	BEARING	Hydro Dynamic bearing		
6	PLASTIC MAGNET	STRONTIUM FERRITE		
7	COPPER WIRES	2 UEW		
8	SILICON STEEL STRIP	H 23		
9	P.C.B	KB	94-V0	
10	LEAD WIRES	L-250mm	94-V0	

