

Thermal Resistance Test Report

Date:2020/10/15

Engineer: Ken

Test Condition

Heat Flux	Pressure	Test Duration	Ambient Temp	Convection
95/125 Watts	40lbf /18.14kgf	240 minutes	45°C	Natural Convection

Test Data

Sample	T _c (°C)	T _a (°C)	Fan Speed (RPM)	F (kgf)	Q (W)	R (°C/W)
1	73.67	46.40	4312	18.68	95.03	0.29
2	83.20	46.80	4310	18.59	124.96	0.29

Test Result

Q (W)	T _c (°C)	R (°C/W)
95	73.67	0.29
125	83.20	0.29

Part Number:

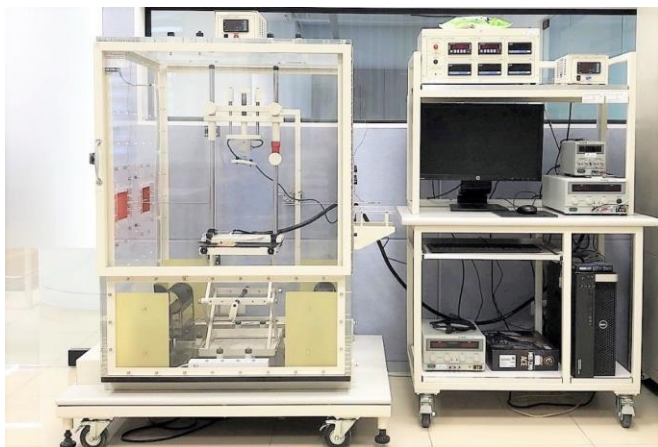
RG4124-38

Description:

**2U CPU COOLER 94X56 FOR
INTEL SOCKET LGA115X
1200 PROCESSORS**



Thermal Resistance Test Report



NATURAL CONVECTION



CIRCULATING CONVECTION

- CPU Cooler Thermal Resistance Measurement Apparatus with Natural Convection Chamber ,4 sets of 650 watts Infrared Radiation Heaters.
- Operating Temperature : Room Temperature ~ 70°C
- CPU Cooler Thermal Resistance Measurement Apparatus with Programmable temperature and humidity chamber, Through a mechanical circulation system, using fans and heating coils.
- Operating Temperature : -40°C ~ 150°C

Compression Force Test Report



Part Number:

RG4124-38-002

Description:

2U CPU COOLER 94X56 FOR INTEL SOCKET

LGA115X 1200 PROCESSORS

Date:2022/11/07

Engineer: Vic

Test Criterion

Total Force of CPU Cooler		
Typical	Maximum	Minimum
33.66 lbf	37.03 lbf	30.3 lbf

Test Condition

PCB Thickness	CPU Height (about PCB)
1.6mm	7.71mm

Test Data

Sample	Compression Force
1	34.3 lbf
2	34.5 lbf
3	34.2 lbf
AVG	34.34 lbf

Test Result

Pass	Compression Force of CPU Cooler = 34.34 lbf
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Compression Force Test Report



- The universal clip force measuring device is a tool for measuring the clip holding force for the clip on the CPU Cooler.
- Measuring pressure range 0~220lbf,: accuracy 0.1%FS