Thermal Resistance Test Report

Date:**2019/04/17**

Engineer: **Bryan**

Test Condition

Heat Flux	Pressure	Test Duration	Ambient Temp	Convection
65 Watts	29lbf /13.17 kgf	120 minutes	45℃	Natural Convection

Test Data

Sample	Tc (℃)	Ta(℃)	Fan Speed (RPM)	F (kgf)	Q (W)	R (℃/W)
1	74.77	45.80	4967	13.17	64.85	0.45

Test Result

Tc(℃)	R (℃/W)
74.77	0.45

Part Number:

RG3114(Z)

Description:

1U CPU COOLER FOR INTEL SOCKET LGA115X 1200 PROCESSORS

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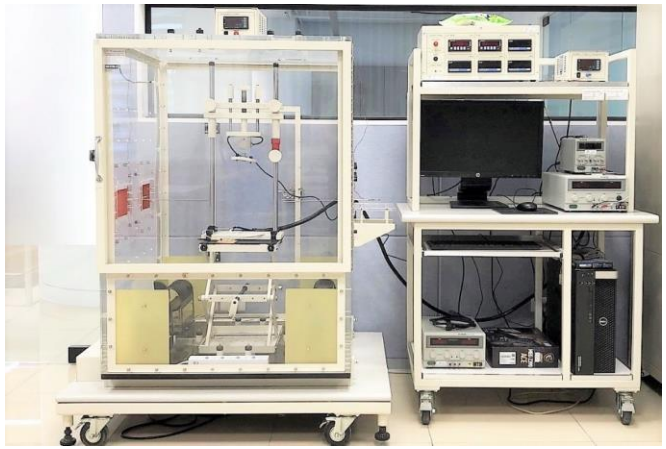
Thermal Resistance Test Report



NATURAL CONVECTION

- CPU Cooler Thermal Resistance Measurement Apparatus with Matural Convection Chamber ,4 sets of 650 watts Infrared Radiation Heaters.
- Operating Temperature：Room Temperature ~ 70°C

CIRCULATING CONVECTION

- 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

Date:**2022/11/07**

Engineer: **Vic**

Part Number:

RG3114(Z)-002

Description:

1U CPU COOLER FOR INTEL SOCKET

LGA115X 1200 PROCESSORS

Test Criterion

Total Force of CPU Cooler		
Typical	**Maximum**	**Minimum**
26.46 lbf	**29.11 lbf**	**23.81 lbf**

Test Condition

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

Test Data

Sample	Compression Force
1	**25.9 lbf**
2	**26.1 lbf**
3	**25.8 lbf**
AVG	**25.94 lbf**

Test Result

Pass	Compression Force of CPU Cooler = **25.94 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**

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