

Thermal Resistance Test Report



Part Number:

RGD3226SN

Description:

**2U CPU COOLER FOR INTEL
LGA1700 PROCESSORS**

Date: **2023/07/21**

Engineer: **Jason**

Test Condition

Heat Flux	Pressure	Test Duration	Ambient Temp	Convection
65Watts 95Watts 125Watts	28lbf/12.7kgf	60 minutes	45°C	Natural Convection

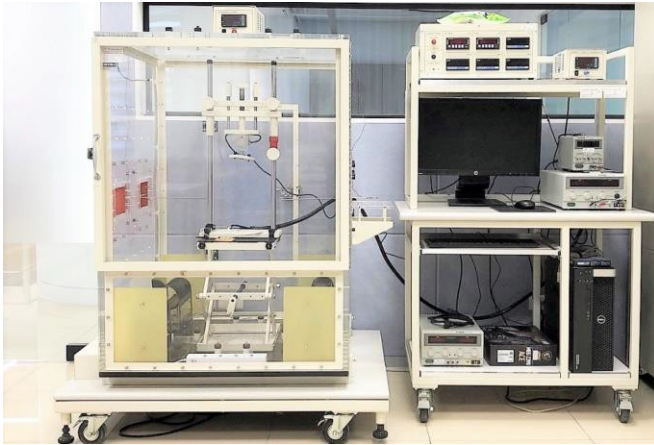
Test Data

Sample	Tc (°C)	Ta(°C)	Fan Speed (RPM)	F(kgf)	Q (W)	R (°CW)
1	56.1	46.2	10943	12.95	65	0.152
2	60.9	46.0	10867	12.99	95	0.157
3	65.7	46.5	10929	13.1	125	0.154

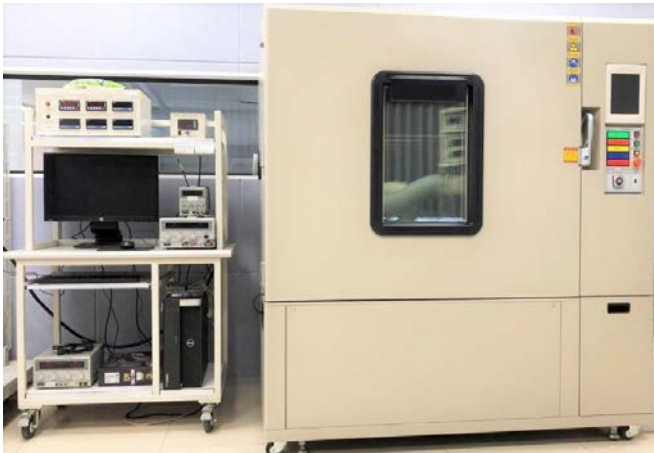
Test Result

Tc(°C)	R (°CW)
56.1	0.152
60.9	0.157
65.7	0.154

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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