

Thermal Resistance Test Report

Date:2025/06/24

Engineer: Ken



Part Number:

RGD3229-60-002

Description:

**2U CPU COOLER FOR INTEL
SOCKET LGA1700
PROCESSORS
RATED FAN 9500RPM**

Test Condition

Heat Flux	Pressure	Test Duration	Ambient Temp	Convection
125 Watts	28lbf /12.7kgf	30 minutes	45°C	Natural Convection

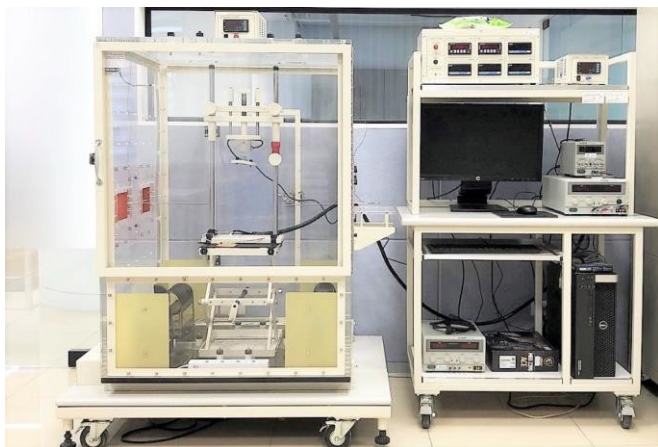
Test Data

Sample	T _c (°C)	T _a (°C)	Fan Speed (RPM)	F(kgf)	Q (W)	R (°C/W)
1	67.60	49.8	8363	12.74	125.00	0.142

Test Result

T _c (°C)	R (°C/W)
67.60	0.142

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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**