

Thermal Resistance Test Report



Product Information

Part number : RGB220-P Series

Description : 2U Passive Cooler for Intel LGA4677 Processors

Test Condition

Heat Flux : 200 watts & 220 watts & 240 watts & 260 watts & 300 watts

Ambient Humidity (RH) : 53 %

Ta (Ambient Temperature) : 25 °C

Convection : 35 CFM

Test Result

Test Result : As below

Test Data

Test Result								
Item	Flow (cfm)	ΔP (mm-Aq)	voltage	Tc(°C)	Ta(°C)	ΔT (°C)	Power(w)	Rca(°C/W)
1	35	1.97		53.7	25.5	28.2	200	0.1410
	35	1.97		56.3	25.3	31.0	220	0.1409
	35	1.97		59.1	25.3	33.8	240	0.1408
	35	1.97		61.8	25.2	36.6	260	0.1408
	35	1.97		67.1	25.0	42.1	300	0.1403

Date:2021/12/21

Engineer: Vic

Test Equipment :

CPU Cooler Thermal Resistance Tester with Automatic Airflow Rate & Pressure Measurement Apparatus

