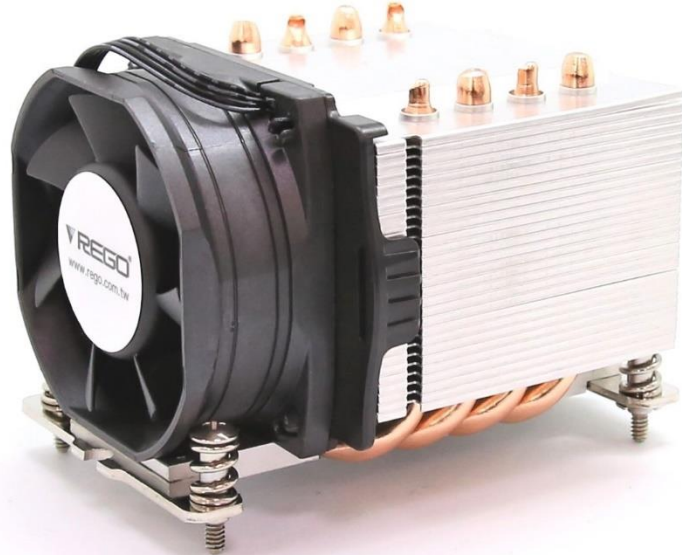


Thermal Resistance Test Report

Date: 2022/10/28

Engineer: Bryan



Part Number:

RGM3220

Description:

2U CPU COOLER FOR AMD AM4

PROCESSORS

Test Condition

Heat Flux	Pressure	Test Duration	Ambient Temp	Convection
180 Watts	77.16lbf /35kgf	20minutes	40°C	Natural Convection

Test Data

Sample	Tc (°C)	Ta(°C)	Fan Speed (RPM)	F (kgf)	Q (W)	R (°C/W)
1	58.60	41.60	6798	34.76	95	0.179

Test Result

Tc(°C)	R (°C/W)
58.60	0.179

Thermal Resistance Test Report



NATURAL 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



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