

Q1

1U Passive Heat Sink

PRODUCT SPECIFICATIONS

Q1 | Socket LGA 1700

Model Number: Q1

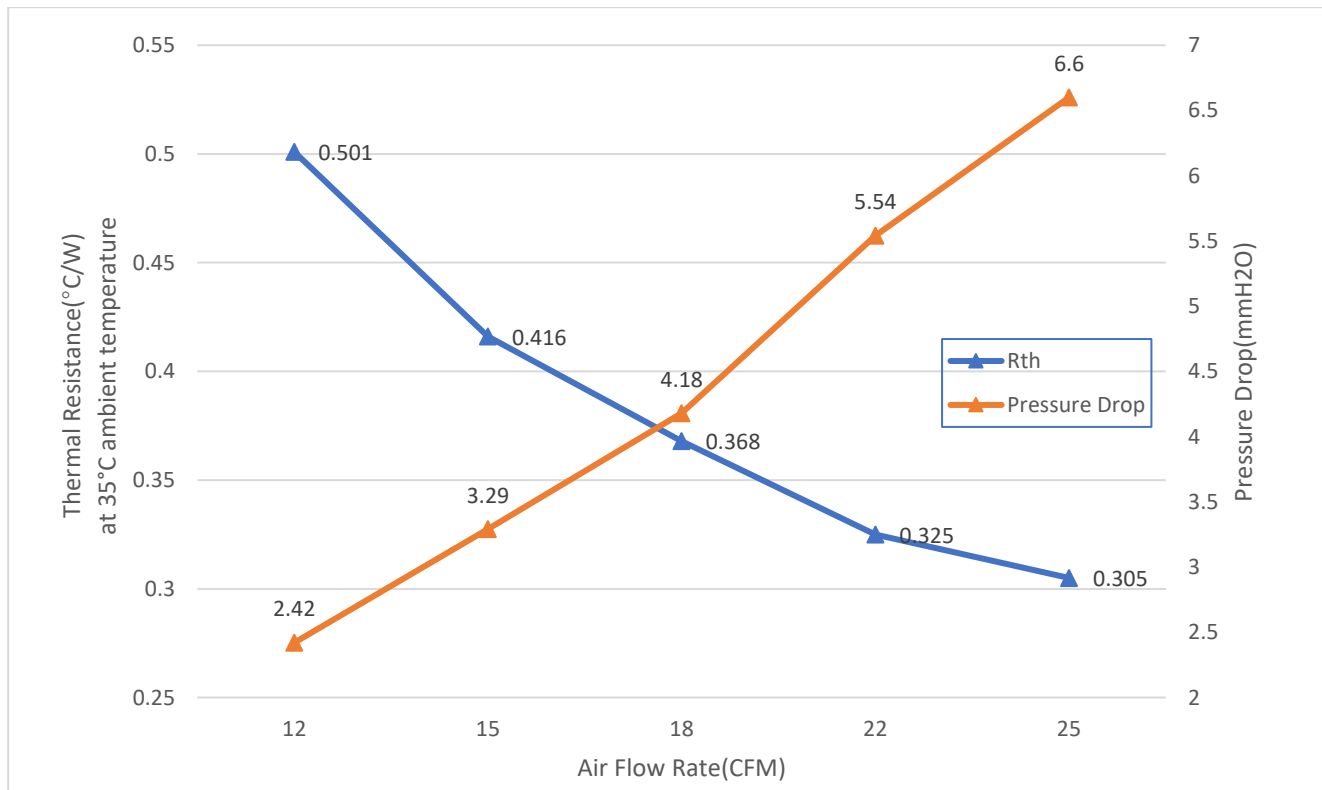
- Recommend for Intel® CPU as following
 - Intel® Alder Lake S Processor, Socket LGA 1700
- Passive Heat Sink for 1U Server

Overall Specification

Dimension	90 x 90 x 27 mm
Weight	534g ±5g
Material	Copper Heat Sink with Skiving Fins
Mounting	Captive Mounting Design
Back Strip	Included
Thermal Grease	Pre-Printed with SHIN-ETSU 7762
TDP	Support 125 Watts CPU Power Heat Dissipation

Performance Chart: Q1 Thermal Resistance

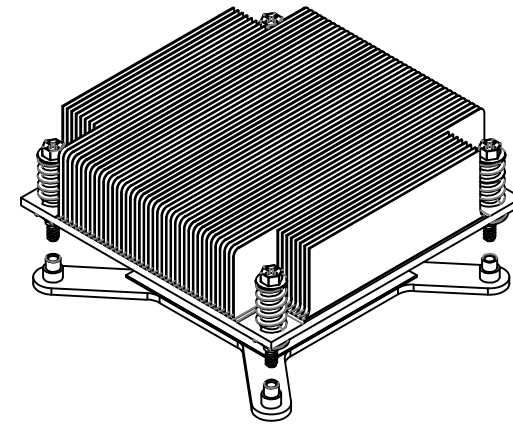
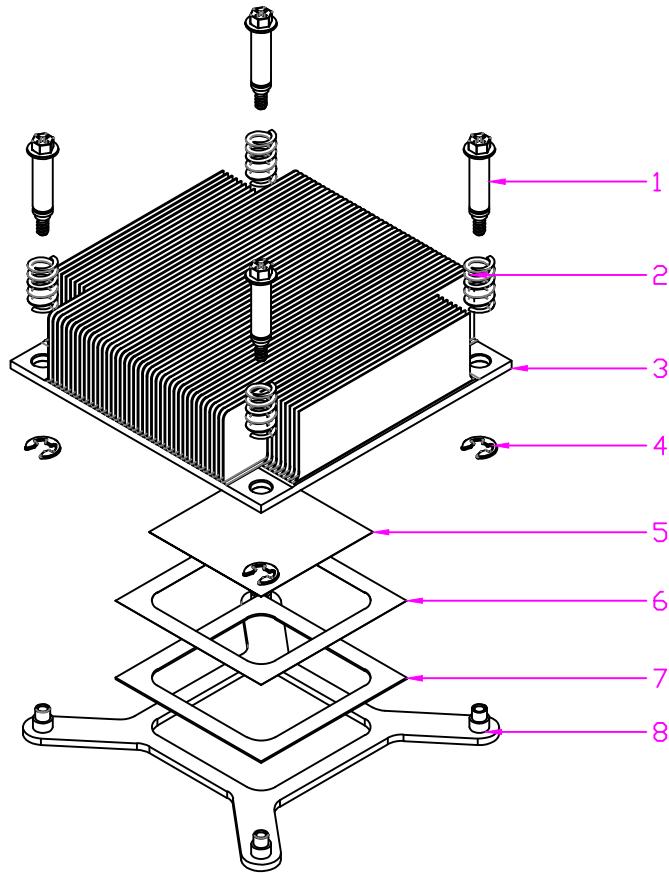
Thermal Performance vs. Airflow



CONFIDENTIAL DOCUMENT


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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	JOY	02/24/21
1.0	BACKPLATE UPDATE	JOY	10/06/21

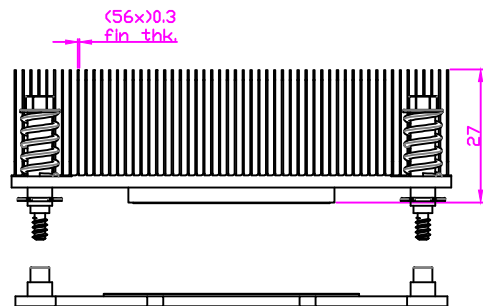
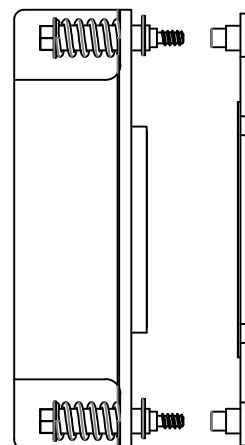
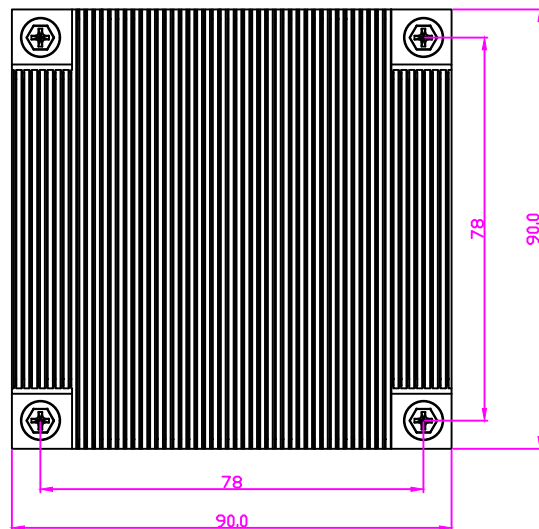


- NOTES:
1. OVERALL DIMENSION: 90.0x90.0x27 mm
2. THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE

8	BACKPLATE	SPCC	1
7	INSULATOR	FORMEX GK-17	1
6	Adhesive Tape	3M	1
5	THERMAL GREASE	SHIN-ETSU 7762	1
4	C-RING	STEEL	4
3	HEATSINK	COPPER 1100	1
2	SPRING	SUS 304	4
1	SCREW, HEATSINK	STEEL	4
ITEM #	DESCRIPTION	MATERIAL	QTY.

	DATE	NAME	 TOP MOTOR DYNATRON CORPORATION	
DRAWN	02/24/21	engr.	TITLE: 1U Passive Cooler Q1 BOM & Exploded Assembly Drawing	
CHECKED	02/24/21	Joy		
ENG. APPR.				
MFG. APPR.				
QA				
COMMENTS:			DWG. No:	REV
			DYN-EP-Q1	1.0

REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	JDY	02/24/21
1.0	BACKPLATE UPDATE	JDY	10/06/21



	NAME	DATE
DRAWN BY	ENGR	02/24/2021
CHECKED BY	ENGR	02/24/2021
ENG.APPROVED		
MFG.APPROVED	-	-



DYNATRON CORPORATION

TITLE: 1U PASSIVE COOLER
Q1
Overall Dimension Drawing

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VIEW	
UNITS	MM

DWG. No:	DYN-BD-Q1
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REV.	1.0
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