

Q1

1U Passive Heat Sink

PRODUCT SPECIFICATIONS

*Preliminary Version

Subject to change

Q1 | Socket LGA 1700

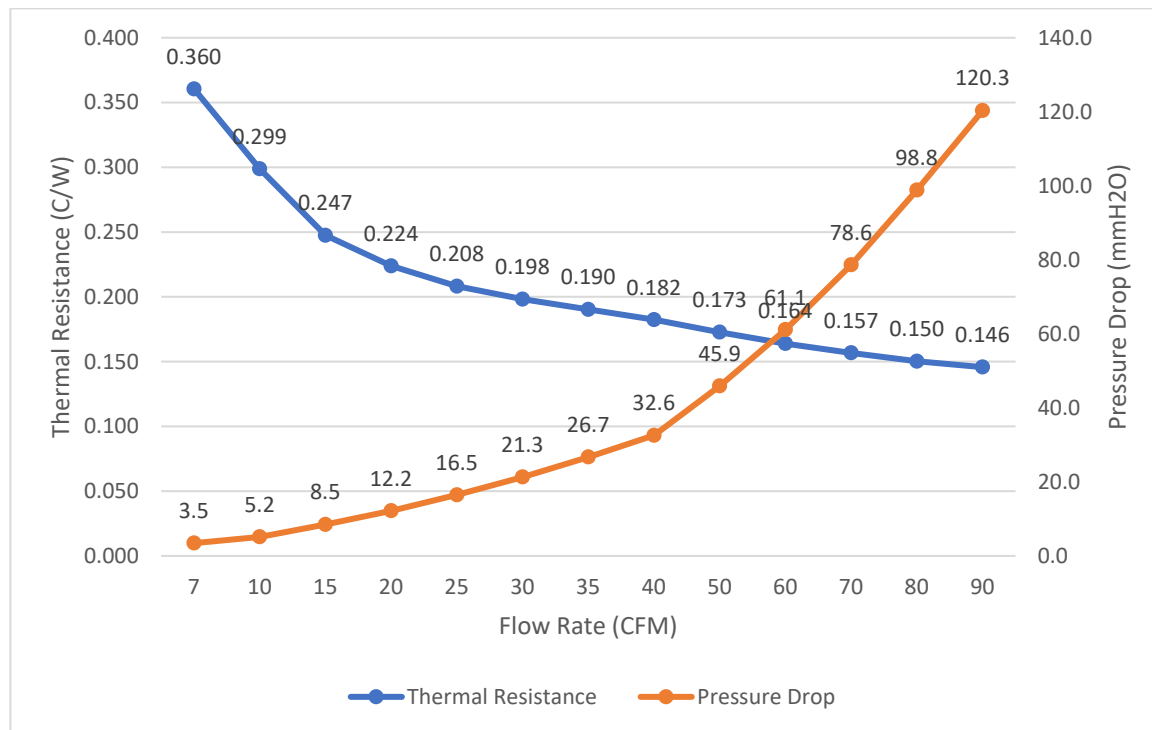
Model Number: Q1

- Recommend for Intel® CPU as following
 - Support Intel Core 12th -15th Gen, Socket LGA1700/1851
- Passive Heat Sink for 1U Server

Overall Specification

Dimension	90 x 90 x 27 mm
Weight	490g ±5g
Material	Copper Heat Sink with Skiving Fins
Mounting	Captive Mounting Design
Back Strip	Included
Thermal Grease	Pre-Printed with SHIN-ETSU 7762 or Equivalent
Support CPU Power	Up to 130 Watts at 30°C ambient temperature

Performance Chart: Passive Cooler Q1 Thermal Resistance Thermal Performance vs. Flow Rate



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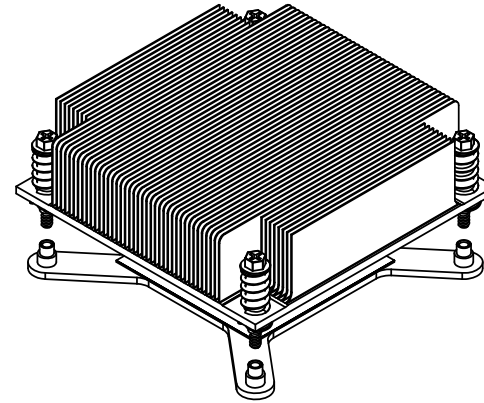
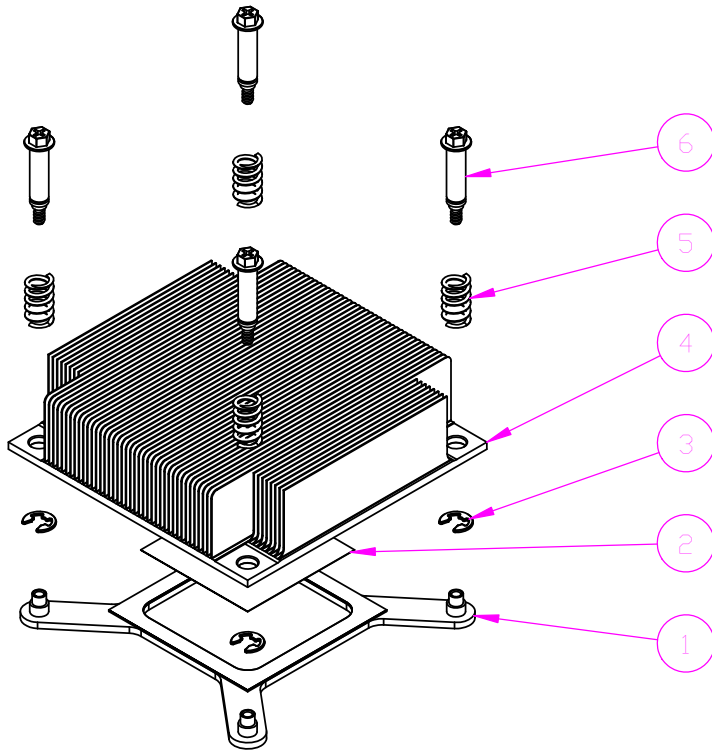
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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	JBY	02/24/21
1.0	CHANGED BACKPLATE	JUN	07/05/23

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6	M3 SCREW, HEATSINK	STEEL	4
5	SPRING	STEEL	4
4	HEATSINK	COPPER	1
3	C-RING	STEEL	4
2	THERMAL GREASE	SHIN-ETSU 7762	N/A
1	BACKPLATE	SPCC PLATE + POLYMER INSULATOR	1
ITEM #	DESCRIPTION	MATERIAL	QTY.

	DATE	NAME	 DYNATRON CORPORATION <small>TOP MOTOR</small>
DRAWN	7/5/2023	JUN	
CHECKED	7/5/2023	JUN	
ENG. APPR.			
MFG. APPR.			
TITLE: 1U Passive Cooler Q1 BOM & exploded Assembly Drawing			
COMMENTS:			DWG. NO. DNY-EP-Q1
			REV 1.0

NOTES:
THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE

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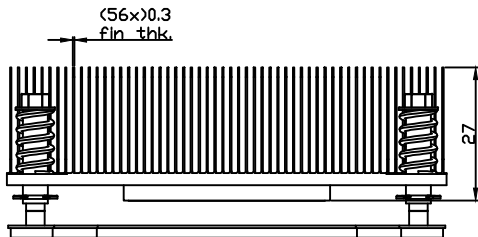
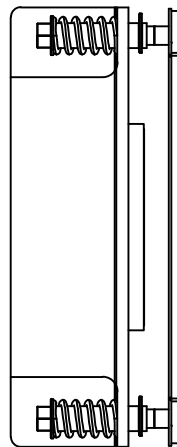
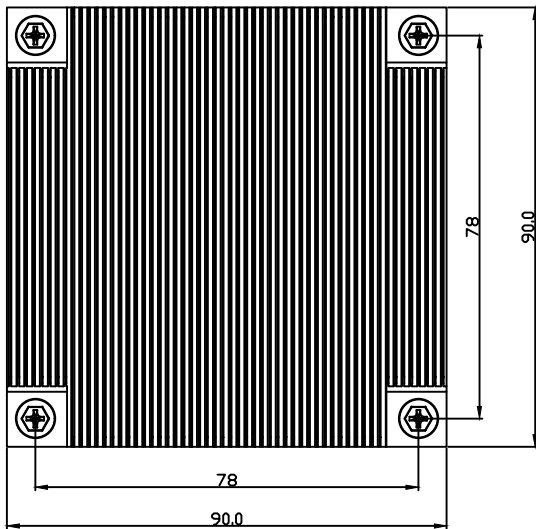
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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	JBY	05/24/21

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	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		DWG. No:	REV.
UNITS	MM	DYN-BD-Q1	0.0

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