



# S4

1U Server Passive Cooler

**PRODUCT SPECIFICATIONS**

## Model Number: S4

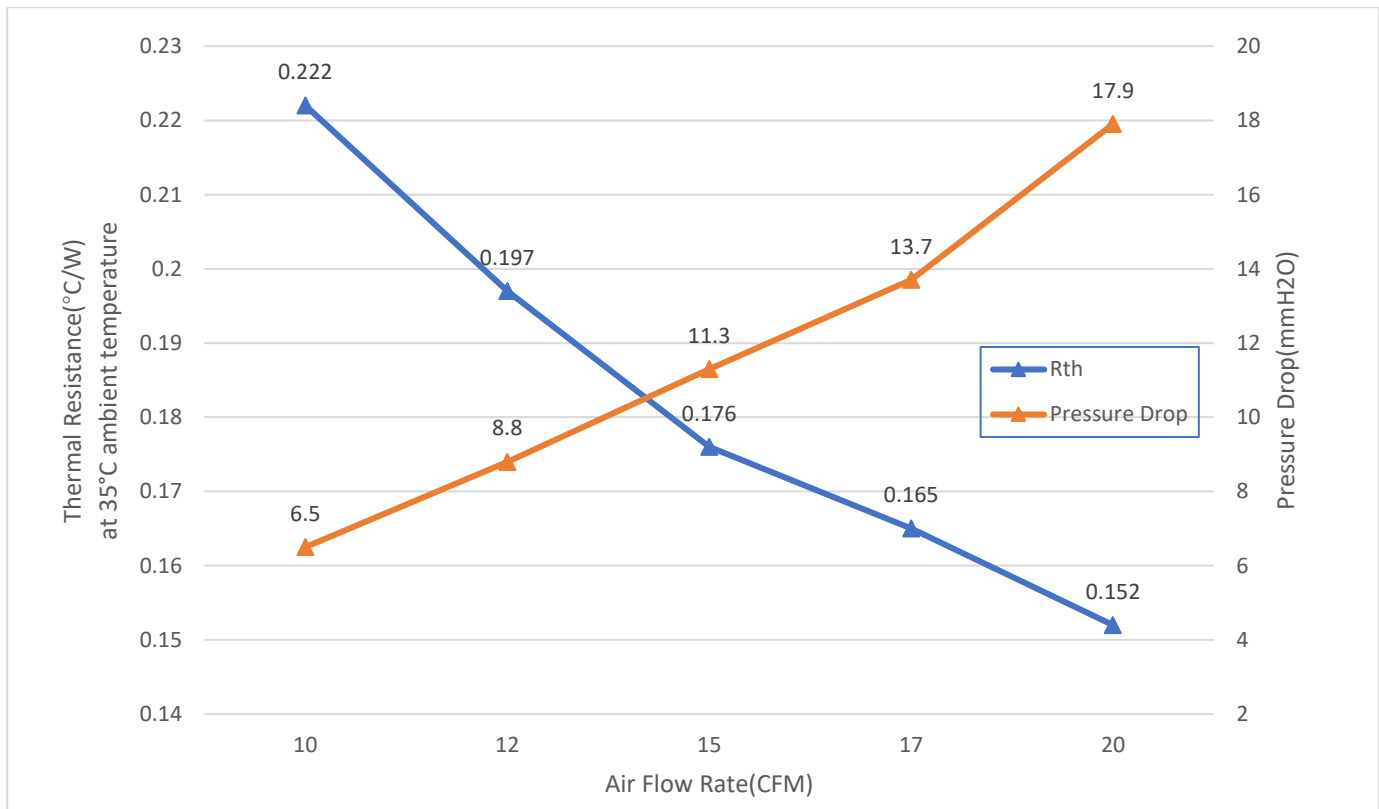
- Recommend for Intel® CPU as following
  - Intel® Sapphire Rapids Processor, Socket LGA 4677
- Passive Heat Sink for 1U Server or up

## Overall Specification

Dimension	118 x 78 x 27 mm
Weight	437.6 g
Material	Copper Vapor Chamber and Fin Stack
Mounting sets	Intel Standard Anti-Tilt Heatsink Captive Mounting Sets
Package Carrier	PHM Package Carrier Included
Thermal Grease	Pre-Printed with SHIN-ETSU 7762 or Equivalent
TDP	Support 205 Watts CPU Power Heat Dissipation

## Performance Chart: S4 Thermal Resistance

### Thermal Performance vs. Airflow



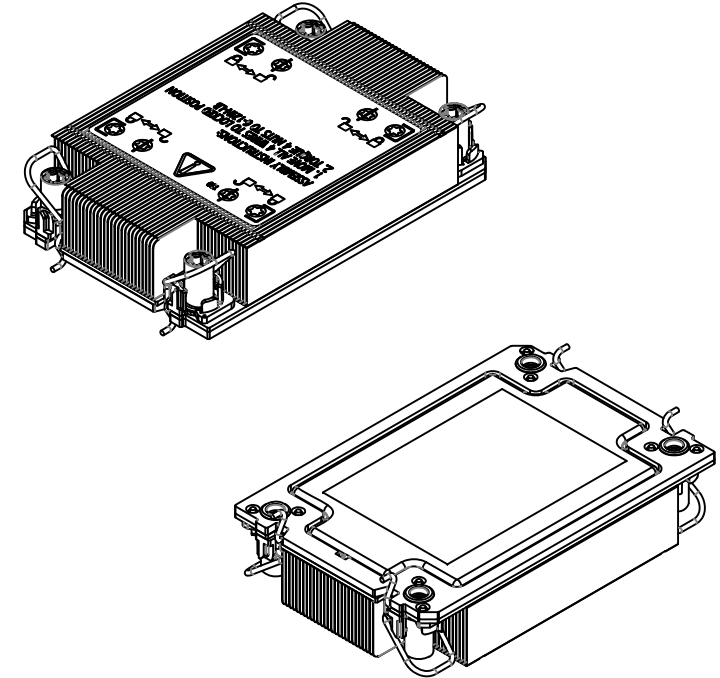
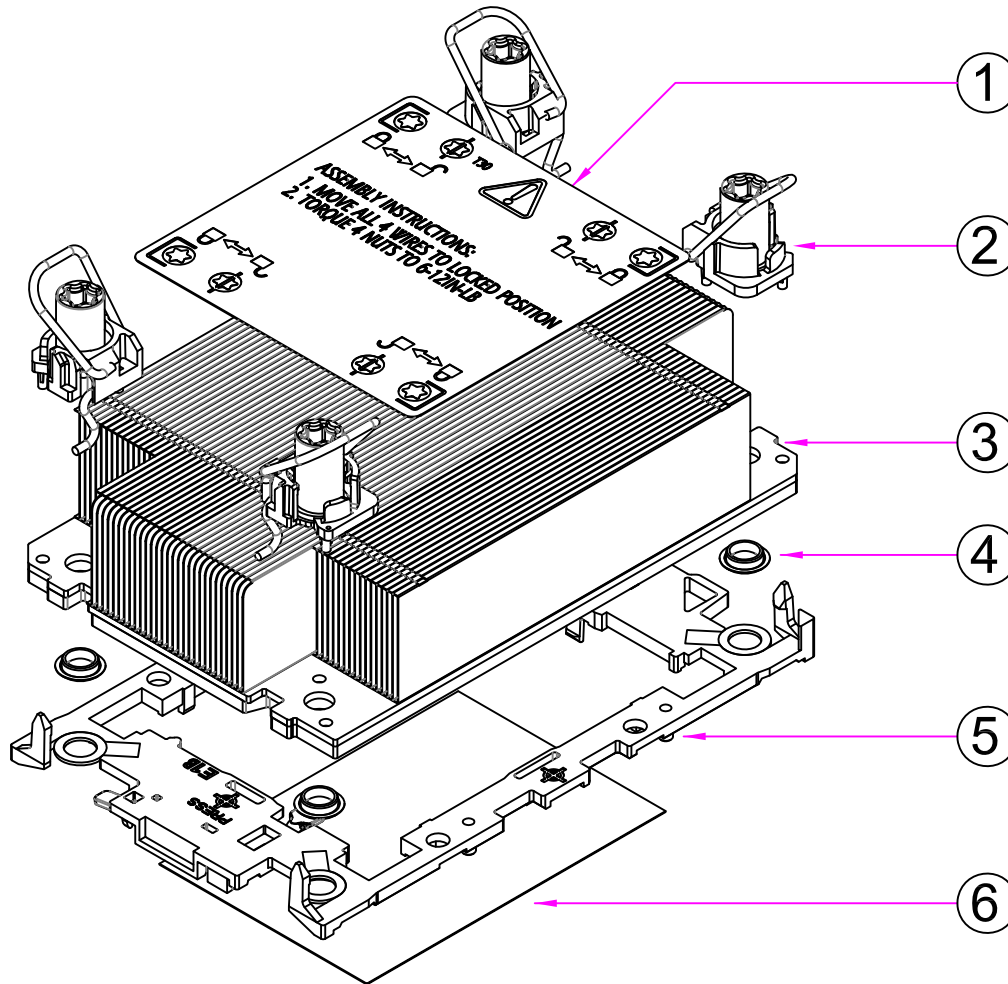
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**ASSEMBLY PARTS**

**WHOLE SET OF HEATSINK**




**NOTES:**

1. THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE
2. OVERALL DIMENSION : 118 x 78 x 27 mm
3. OVERALL WEIGHT : 520 g

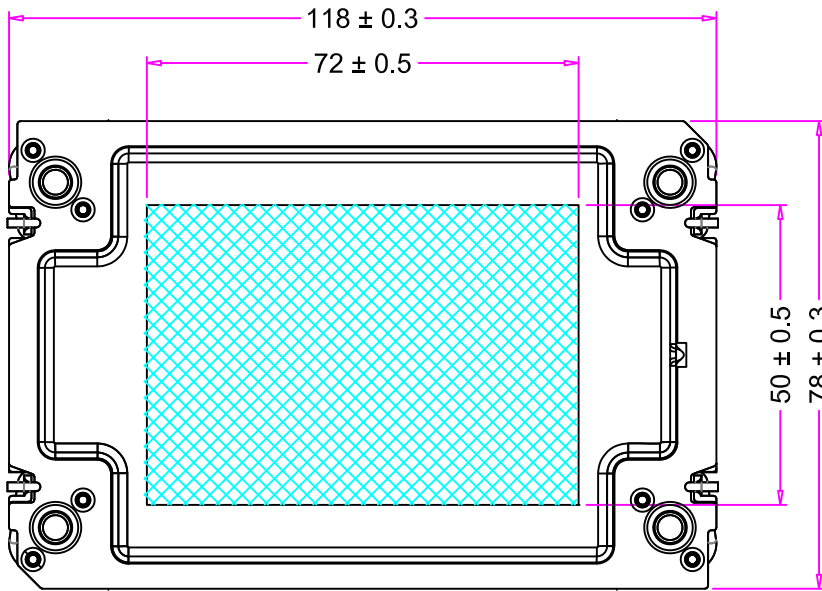
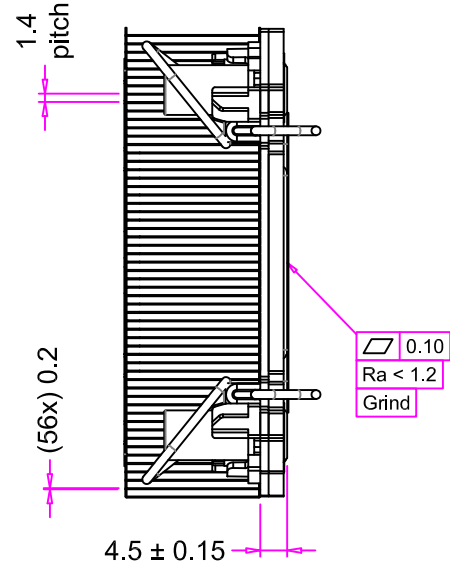
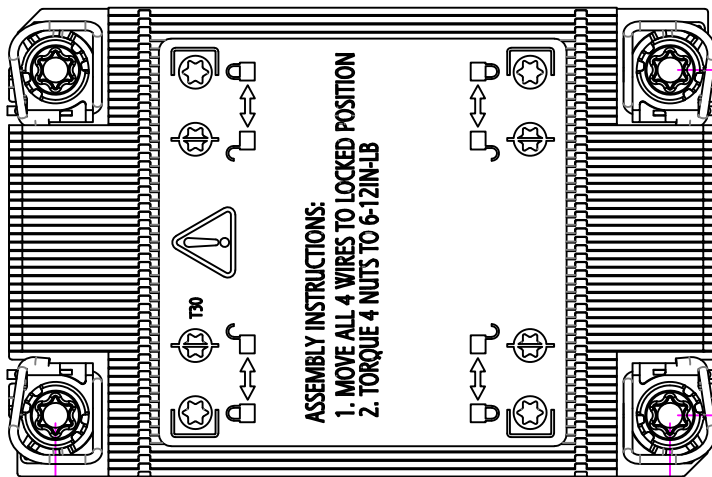
ITEM#	DESCRIPTION	MATERIAL	QTY.
6	THERMAL GREASE, PRE-PRINTED	SHIN-ETSU 7762	1
5	INTEL PACKAGE CARRIER	PLASTIC	1
4	SPACER RING	PLASTIC	4
3	HEATSINK, with STACKED FINS	COPPER FIN STACK COPPER VAPOR CHAMBER BASE STEEL RETENTION	1
2	ANTI-TILT ROTATING WIRE ASSEMBLY SET	PLASTIC NUT AND CAPTIVATION STEEL ROTATING WIRE	4
1	MOUNTING INSTRUCTION LABEL	PLASTIC	1

DATE	NAME	DYNATRON CORPORATION	
03/26/2021	Engr	 <b>TITLE:</b> 1U Passive Cooler Model <b>S4</b> BOM & Exploded Assembly Drawing	
03/26/2021	LANG		
COMMENTS:		DWG. No:	REV
		<b>DYN-EP-S4</b>	<b>0.0</b>

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	NAME	DATE
DRAWN BY	engr	03/26/2021
CHECKED BY	LANG	03/26/2021
ENG. APPROVED		
MFG. APPROVED	-	-



DYNATRON CORPORATION

TOP MOTOR

TITLE: 1U Passive Cooler Model **S4**  
 Overall Dimension Drawing

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VIEW	
UNITS	MM

DWG. No:

DYN-DM-S4

REV. 1.0

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