



# S4

1U Server Passive Cooler

**PRODUCT SPECIFICATIONS**

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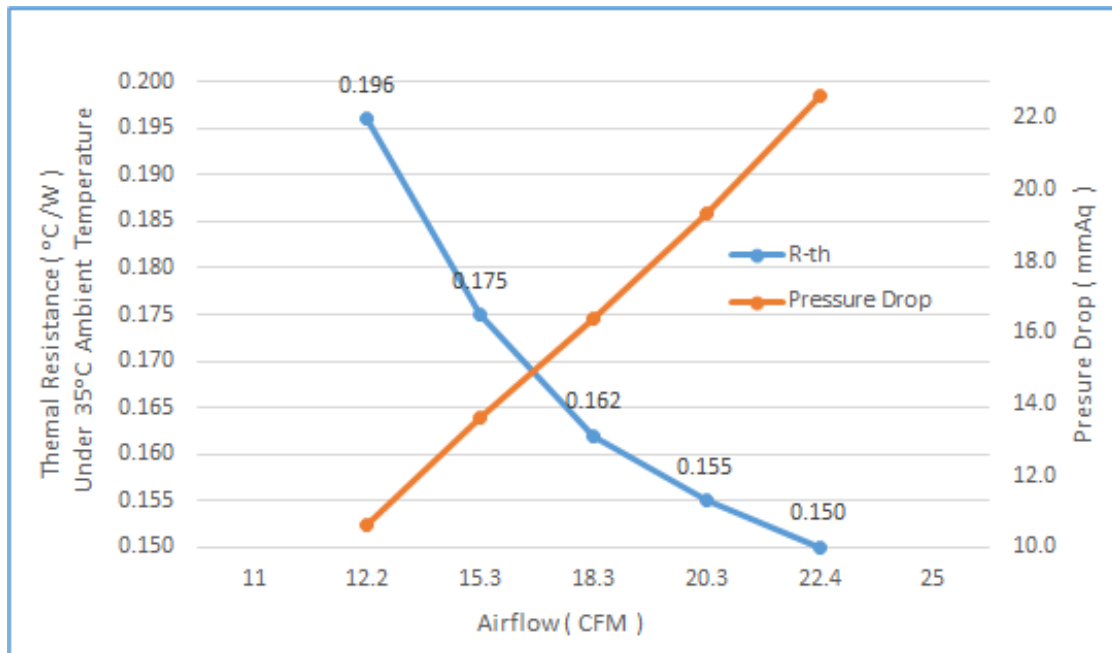
## Model Number : S4

- Intel® Sapphire Rapids CPU
- Processor Socket FCLGA4677
- Passive Cooler for 1U Server or up

## Overall Specification

Dimension	118 x 78 x 27mm
Weight	520 g
Material	Copper1100 for both Vapor Chamber Base and Fin Stack
Mounting Sets	Intel standard Anti-Tilt Rotating heat sink captive mounting sets
Package Carrier	PHM Package Carrier is included
Thermal Grease	Shin-Etsu 7762 pre-printed
TDP	Support CPU Power up to 205 Watts Heat Dissipation

## Performance Chart: Passive Cooler S4 Thermal Resistance VS. Airflow



(Tested by Intel Sapphire Rapids TTV)

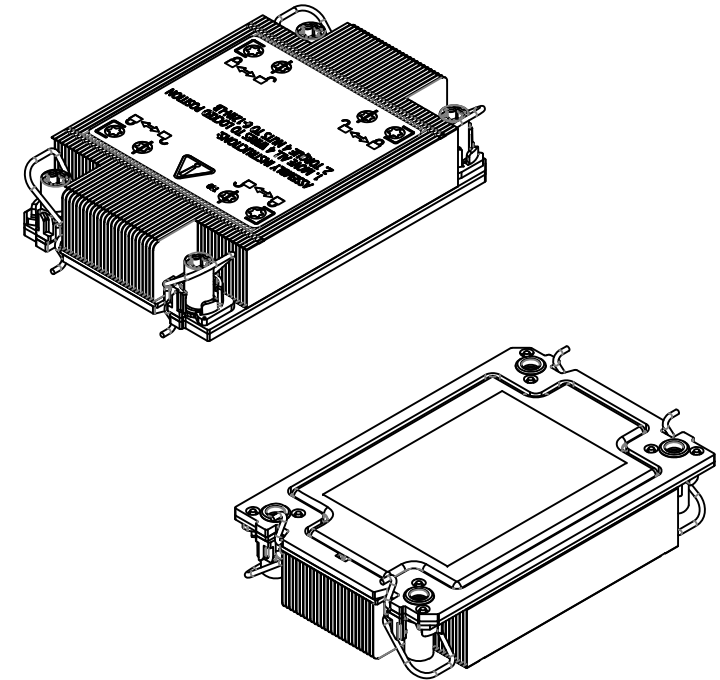
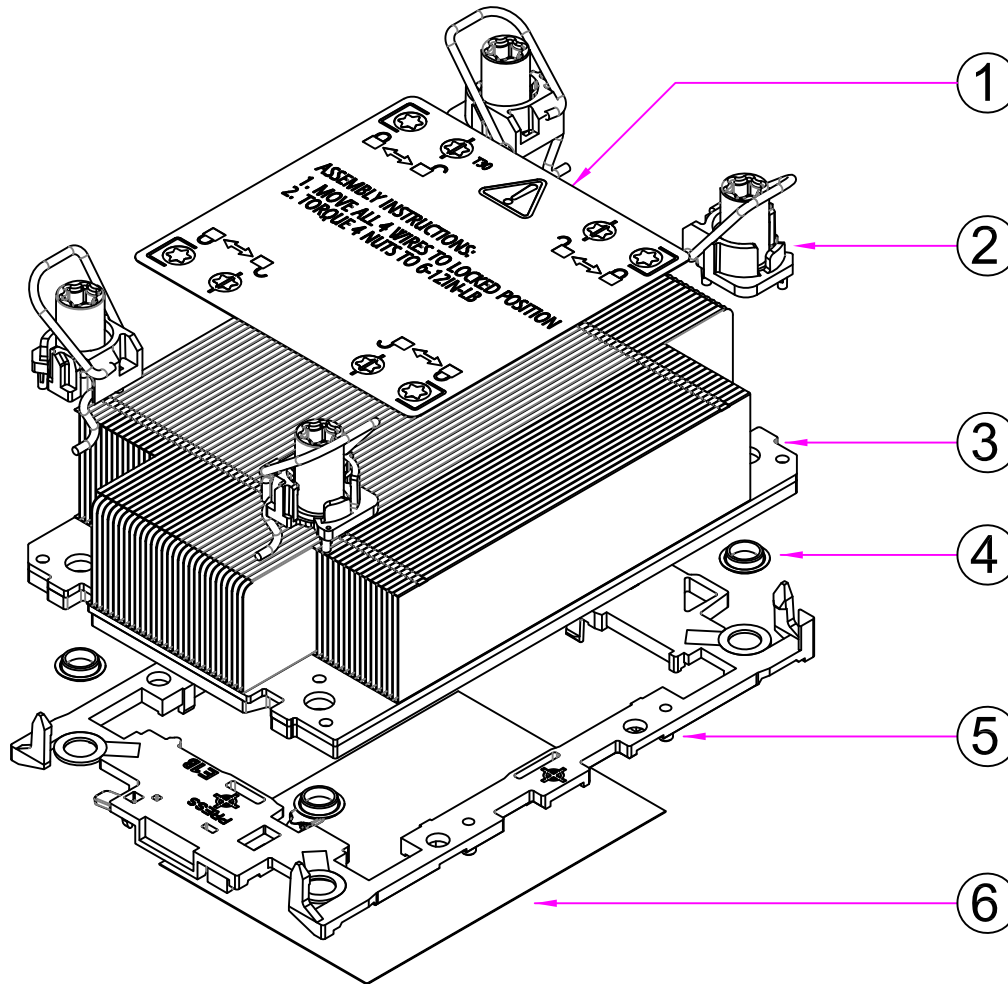
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**ASSEMBLY PARTS**

**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

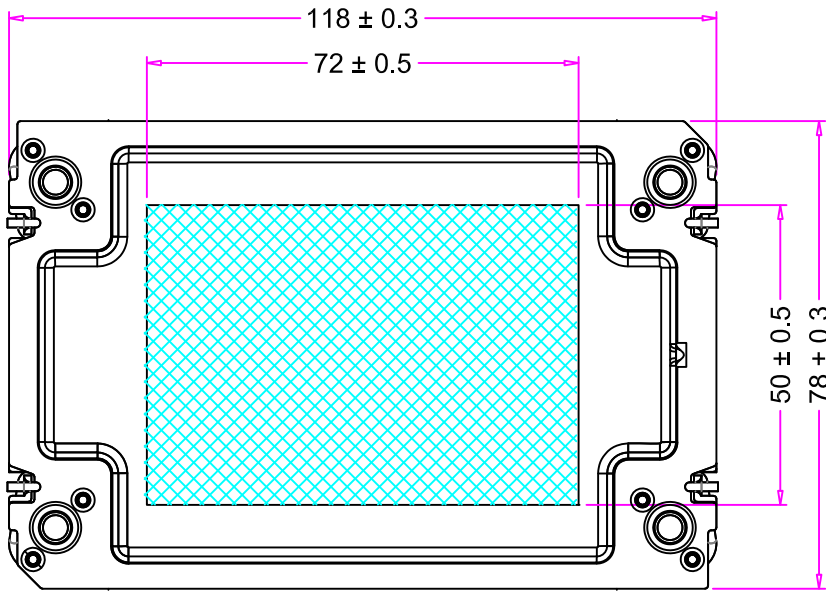
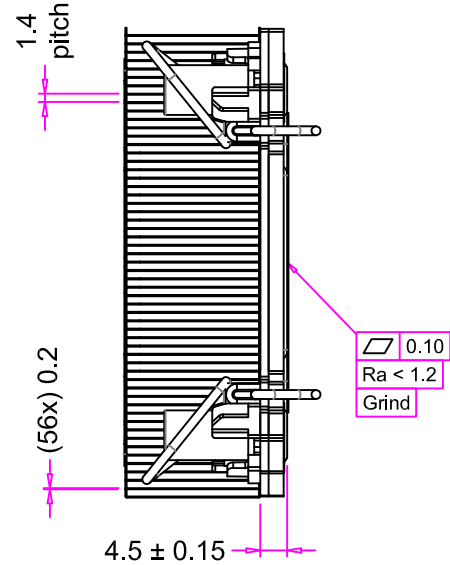
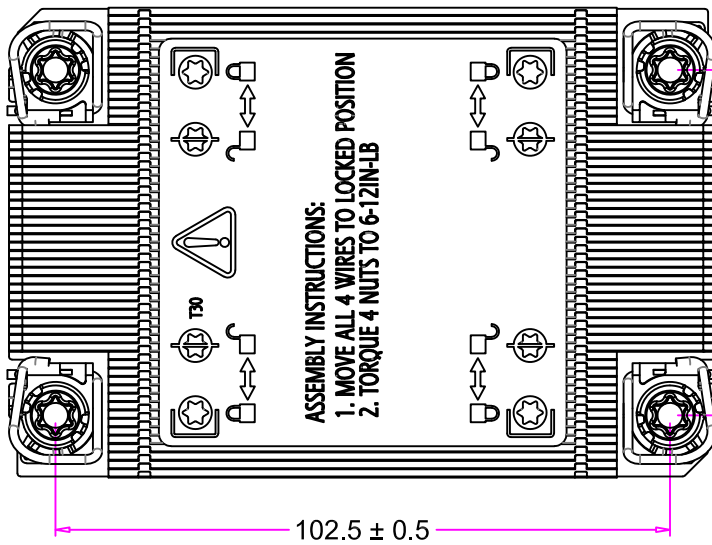
ITEM#	DESCRIPTION	MATERIAL	QTY.
6	THERMAL GREASE, PRE-PRINTED	SHIN-ETSU 7762	1
5	INTEL PACKAGE CARRIER	PLASTIC	1
4	SPACER RING	PLASTIC	4
3	HEATSINK, with STACKED FINS	COPPER FIN STACK COPPER VAPOR CHAMBER BASE STEEL RETENTION	1
2	ANTI-TILT ROTATING WIRE ASSEMBLY SET	PLASTIC NUT AND CAPTIVATION STEEL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

1 2 3 4 5 6 7

REV#	DESCRIPTION	CHECKER	DATE
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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**

1 2 3 4 5 6 7