

W20

1U Passive Air Cooler

PRODUCT SPECIFICATIONS

Specification Version: 12/18/2024

(Specification is subject to change without notice)

W20 | LGA5964

Model Number: W20

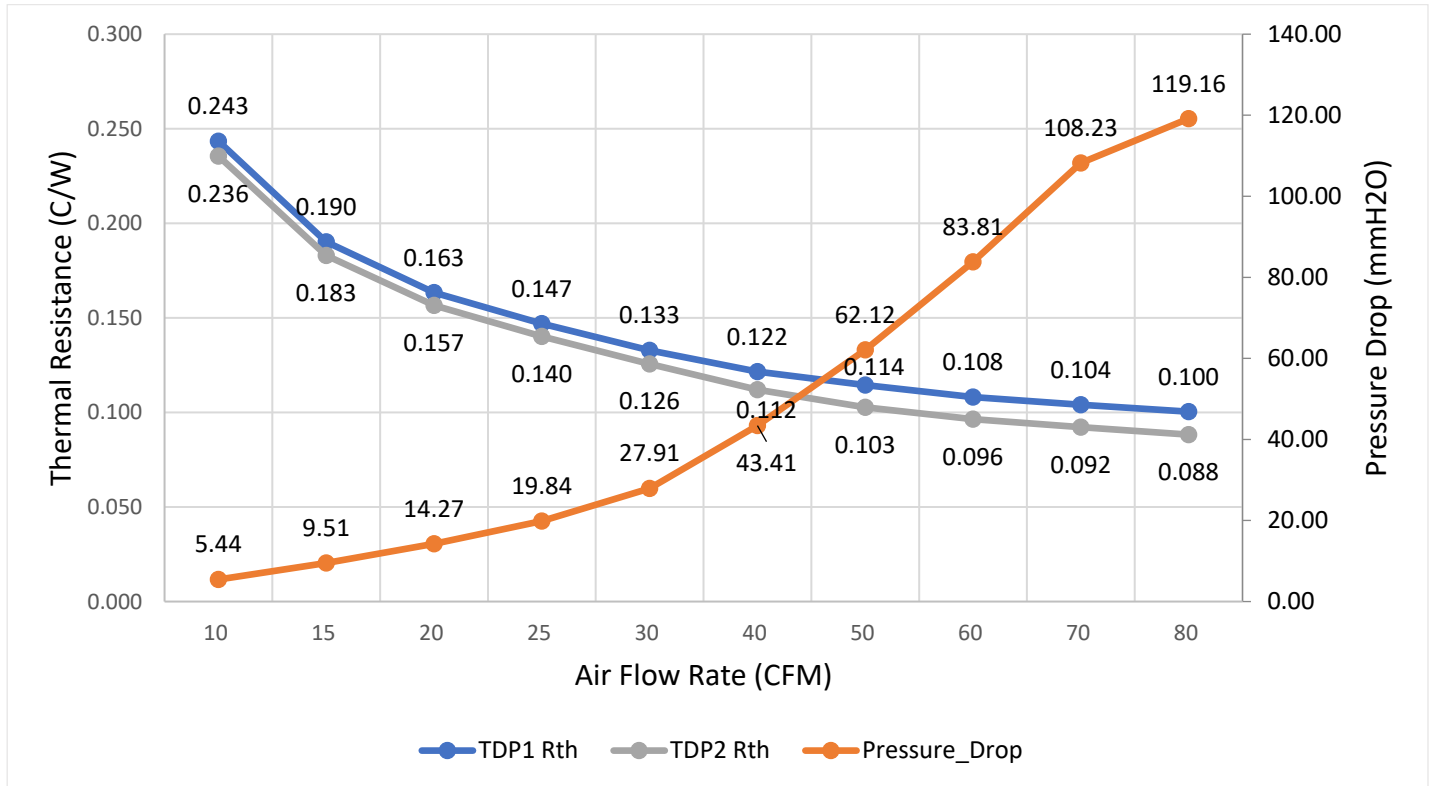
- Recommend for LGA 5964 Processor
- Passive Air Cooler for 1U Server and Up

Overall Specification

Dimension	130 x 93 x 27.5 mm (LxWxH)
Weight	612g ± 10g
Material	Copper Fins + Vapor Chamber
Thermal Interface Material	Shin-Etsu X23-8079-2 (or equivalent) Pre-Printed and Tflex HD7.5 (or equivalent) Pre-Applied
TDP	Fully Support 400W at 30°C Ambient Temperature and 30CFM Fully Support 300W at 41°C Ambient Temperature and 30CFM

Performance Chart: Passive Cooler W20 Thermal Resistance

Thermal Resistance vs. Airflow



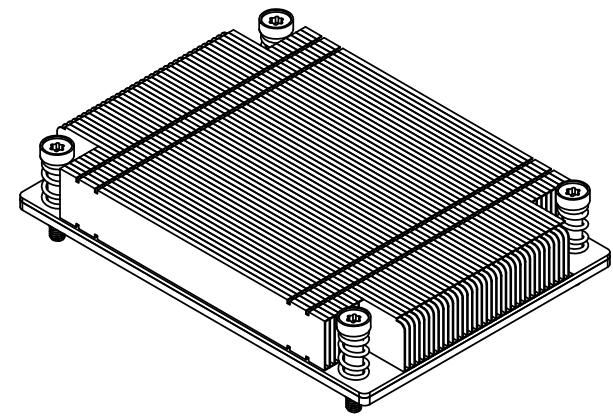
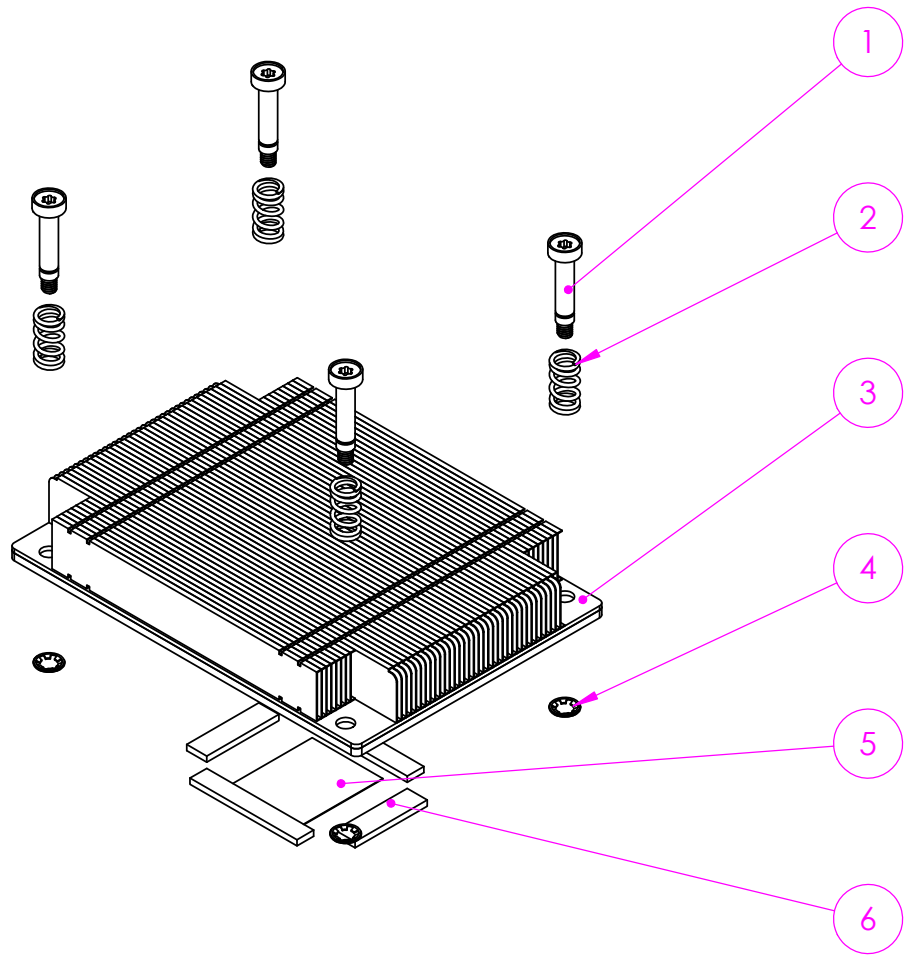
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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	BELLA	11/11/24



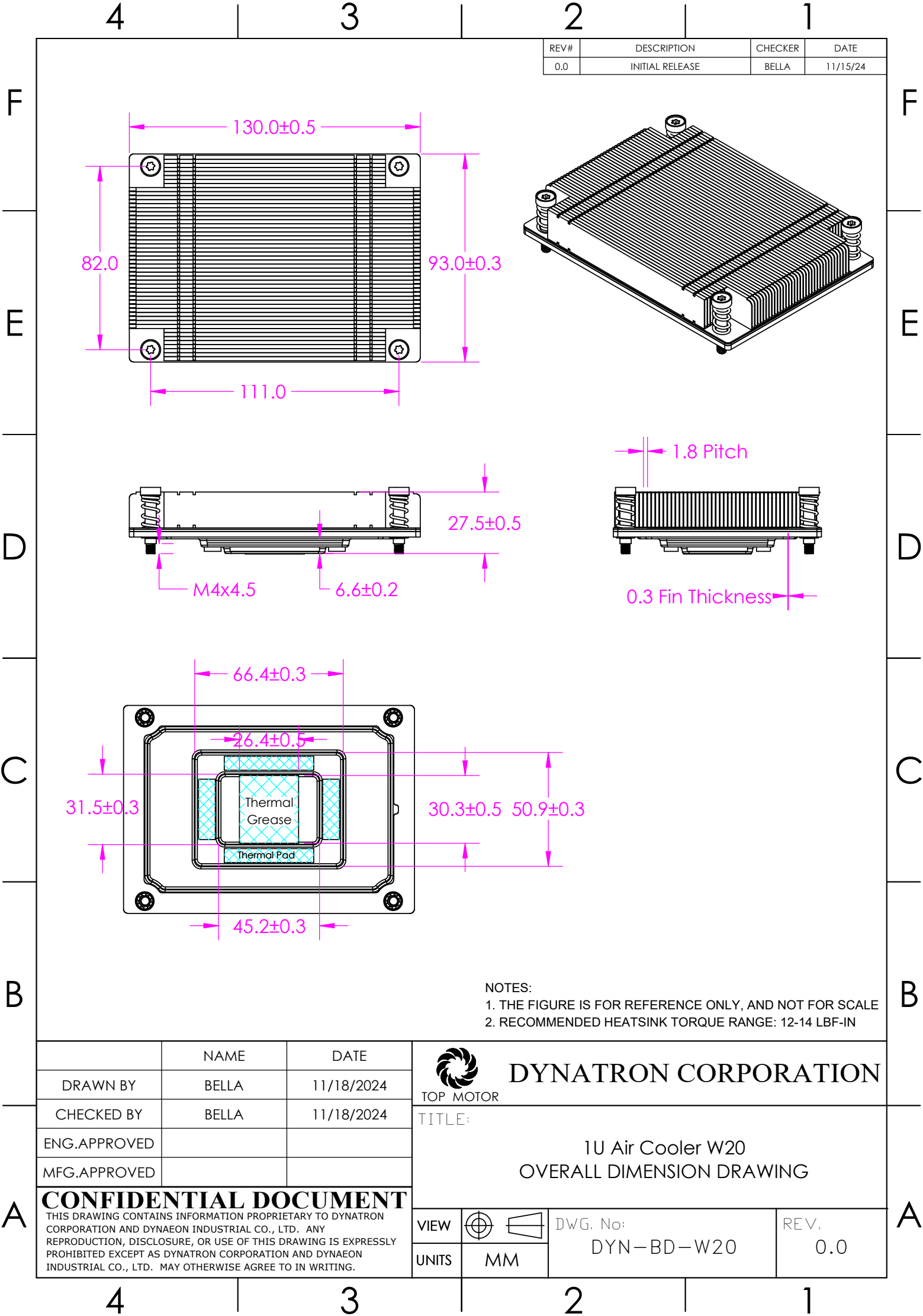
6	THERMAL PAD SET	Tflex HD7.5 (OR EQUIVALENT)	1
5	THERMAL GREASE	SHIN-ETSU X23-8079-2 (OR EQUIVALENT)	N/A
4	C-RING	STEEL	4
3	HEATSINK	COPPER FIN, VAPOR CHAMBER, STEEL RETENTION	1
2	SPRING	STEEL	4
1	SCREW, HEATSINK	STEEL	4
ITEM #	DESCRIPTION	MATERIAL	QTY.

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

	DATE	NAME	 DYNATRON CORPORATION	
DRAWN	11/14/2024	BELLA	TITLE: 1U Passive Cooler W20 BOM & Exploded Assembly Drawing	
CHECKED	11/14/2024	BELLA		
ENG.APPR.				
MFG.APPR.				
COMMENTS:			DWG. NO. DYN-EP-W20	REV 0.0

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Publication History:

12/18/2024: Performance Chart Update

11/18/2024: Initial Release

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