

N7

1U Passive Cooler

PRODUCT SPECIFICATIONS

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N7 | Socket LGA 4189

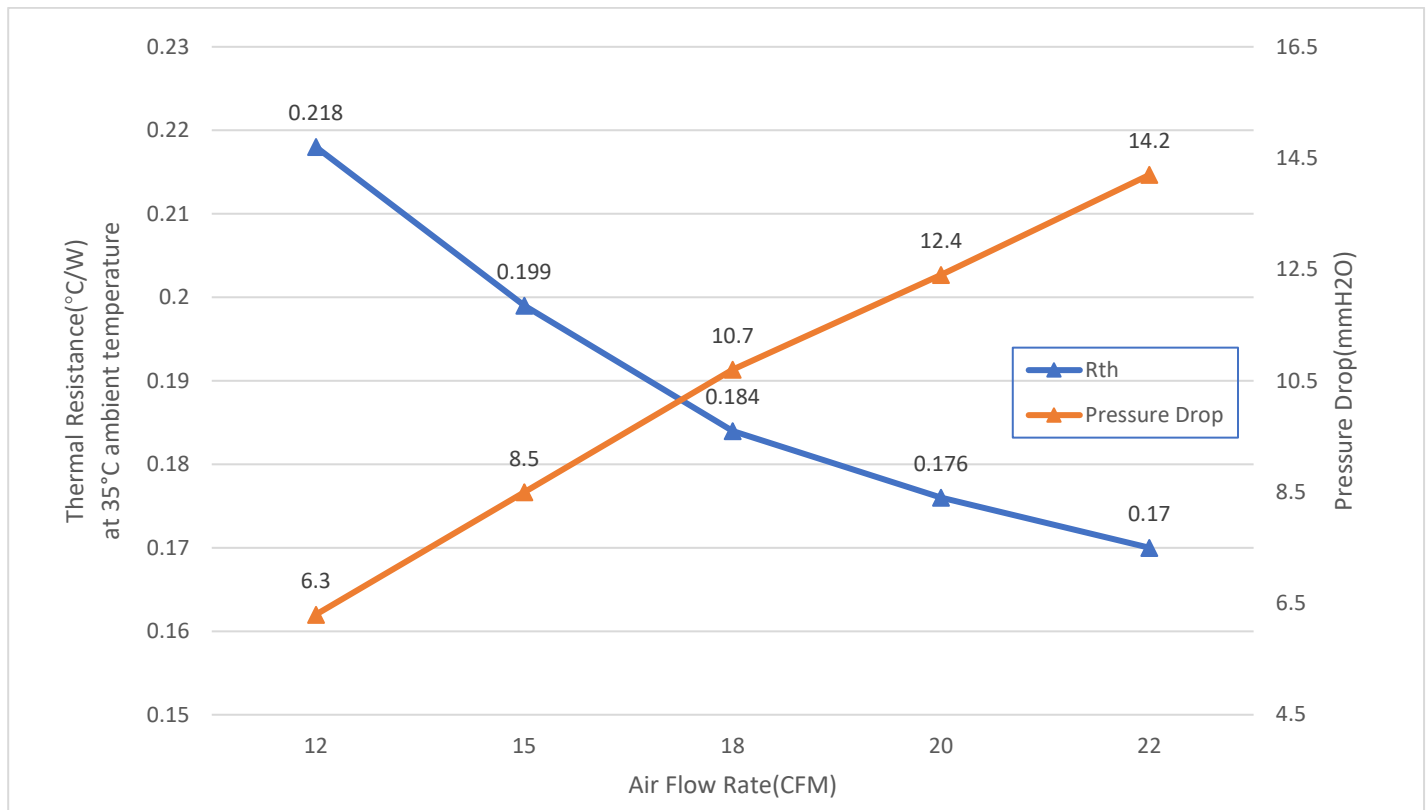
Model Number: N7

- Intel® Ice Lake and Cooper Lake Server Processor Socket FCLGA4189-4 / -5 (Socket P4 / P5 or P+)
- Passive Cooler for Blade and 1U Server

Overall Specification

Dimension	113 x 78 x 25 mm
Weight	400 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 N7 Thermal Resistance Thermal Resistance vs. Airflow



(Tested by Intel Ice Lake TTV)

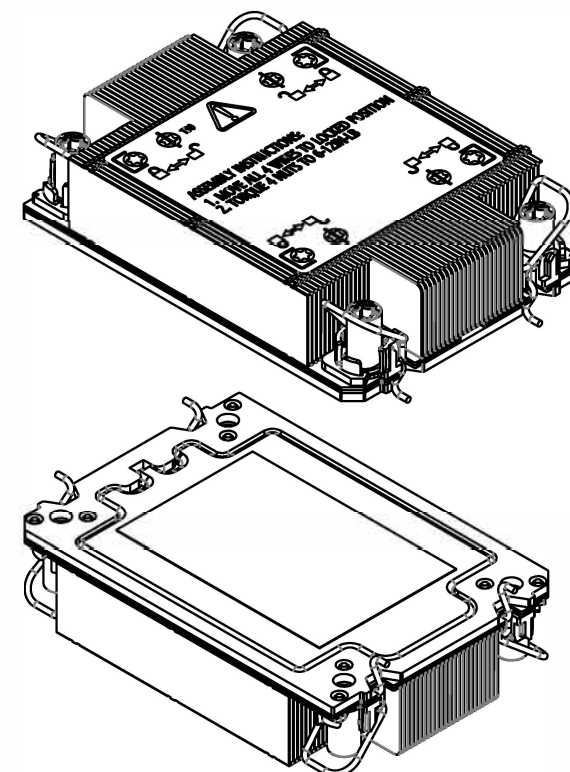
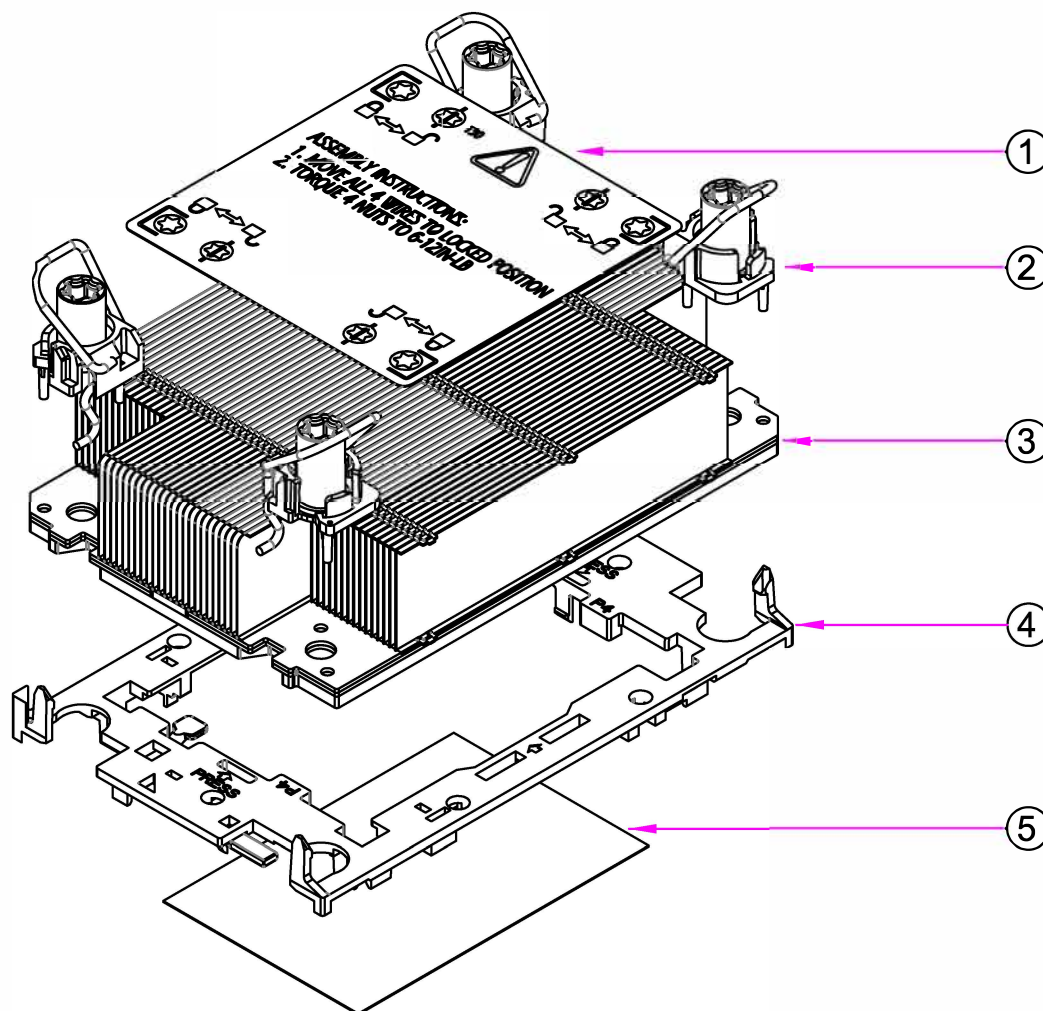
CONFIDENTIAL DOCUMENT

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ASSEMBLY PARTS

REV#	DESCRIPTION	CHECKER	DATE
0.0	Initial Release	LANG	07/03/2019
1.0	Update PHM Package Carrier Spec	LANG	05/21/2020

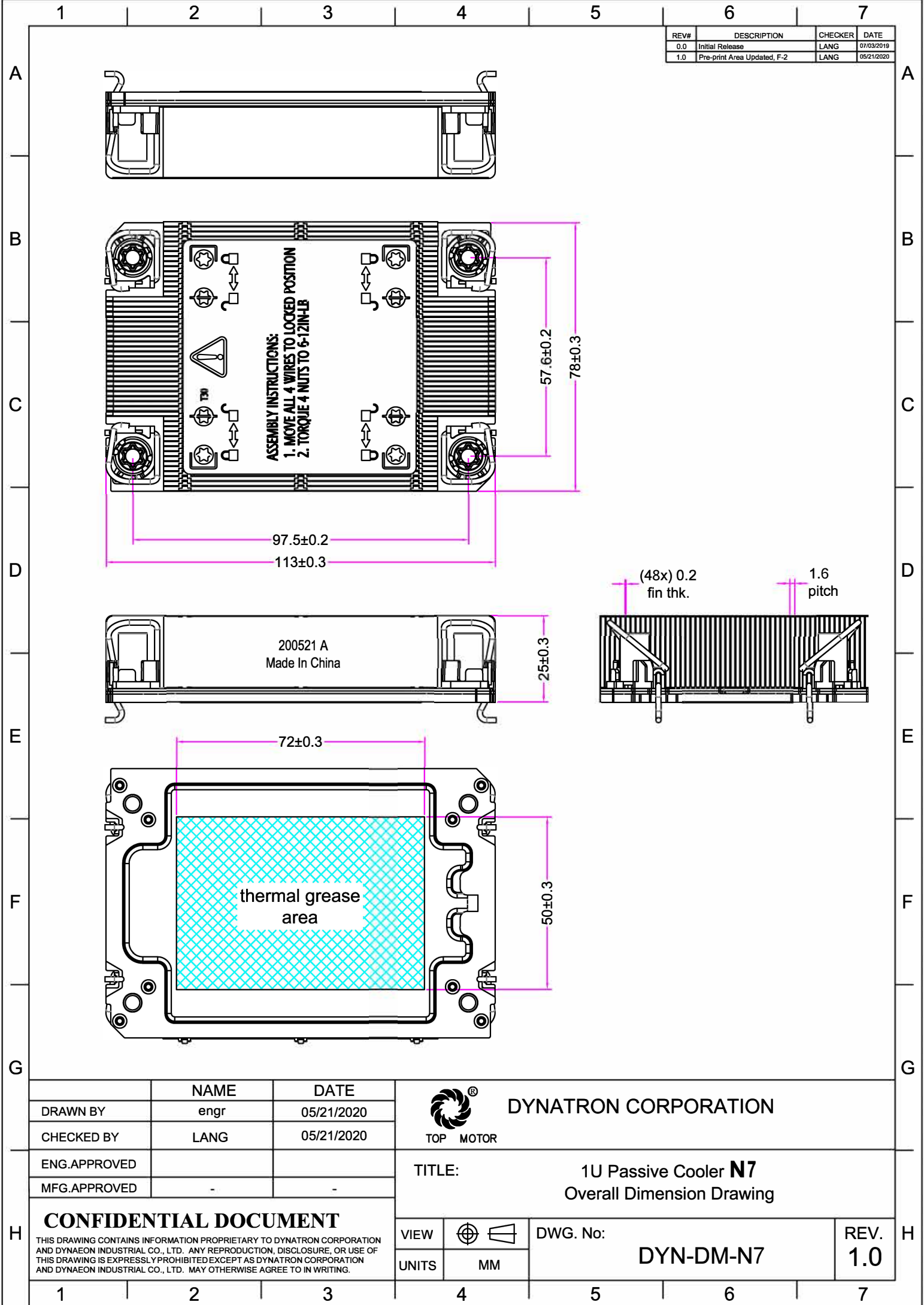
WHOLE SET OF HEATSINK



NOTES:

1. THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE
2. OVERALL DIMENSION : 113 x 78 x 25 mm
3. OVERALL WEIGHT : 400 g

5	THERMAL GREASE, PRE-PRINTED	SHIN-ETSU 7762	1
4	PHM PACKAGE CARRIER, FOR SOCKET P4	PLASTIC	1
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
ITEM#	DESCRIPTION	MATERIAL	QTY.
	DATE	NAME	DYNATRON CORPORATION TITLE: 1U Passive Cooler N7 BOM & Exploded Assembly Drawing DWG. No: DYN-EP-N7
DRAWN	05/21/2020	Engr	
CHECKED	05/21/2020	LANG	
ENG. APPR.			
MFG. APPR.			
G.A.			
COMMENTS:			
			REV 1.0





Certificate of Environment Protection

環保證明書

Customer: 客戶名稱:	Company: _____ Address: _____ Phone Number: _____ - _____ - _____
Issue Date:	05/22/2020
Product Model Number:	N7

Dynatron Corporation hereby declares and certifies that all components manufactured are RoHS compliant according to the definitions and restrictions given by the European Union's Restriction (Directive 2002/95/EC) (Decision 2011/65/EU) RoHS 2, on the restriction of the use of certain Hazardous Substances in the electrical and electronic equipment. Also, compliance to the most recent list of substances on the REACH candidate list.

Number of substances on the Candidate List: 168 (last updated: 17/12/2015)

No exemptions are claimed in order for the part to be compliant with the RoHS directive.

Dynatron Corporation / 政久興業股份有限公司 證明所有產品, 零件 (包括附屬品, 包裝類) 之環境管理物質完全符合 RoHS, WEEE, 及該環保標準之規定, 並承諾遵循以上之證明.

Dynatron Corporation.
33200 Western Ave,
Union City, CA 94587

Title (職務): _____ ASSISTANT-MANAGER

Signature (簽字): _____ *Alan Lee*

Date: 05 / 22 / 2020

