



NEW PRODUCT SPEC SHEET

Model Number: G666R1

- For Intel® Xeon® Processor X5500 Series and X5600 Series, Socket LGA1366
- Active cooler for 2U Servers & Up
- RoHS Compliant

Overall Specification:

- Dimension: 90.0mm x 90.0mm x 65.0mm
- Weight: 500g
- Material: Aluminum Fins with Heat Pipes directly contact CPU
- With 60x60x25mm Side-blow cooling fan
- Cooler Mounted in Captive design
- Shin-Etsu G751 Thermal Grease Pre-printed
- Support CPU power up to 130Watts Heat Dissipation

Fan Specification:

- Model# : DF126025BU - PWMG
- Rated Speed:
 - At Duty Cycle 20%: 1700± 10%RPM
 - At Duty Cycle 50%: 4000± 10%RPM
 - At Duty Cycle 100%: 8000 Min.
- Bearing: 2X Ball
- Rated Voltage: 12V
- Power Consumption :
 - At Duty Cycle 20%: 0.6W
 - At Duty Cycle 50%: 1.8W
 - At Duty Cycle 100%: 7.2W

- Rated Airflow:
 - At Duty Cycle 20%: 8.855 cfm
 - At Duty Cycle 50%: 21.97 cfm
 - At Duty Cycle 100%: 46.44 cfm
- Acoustical Noise:
 - At Duty Cycle 20%: 21.8 dBA
 - At Duty Cycle 50%: 34.5 dBA
 - At Duty Cycle 100%: 52.8dBA
- Air Pressure
 - At Duty Cycle 20%: 0.86 mm-H2O
 - At Duty Cycle 50%: 4.76 mm-H2O
 - At Duty Cycle 100%: 21.50 mm-H2O
- Lead Wire Pin Out:
 - Pin#1-Black(-)
 - Pin#2- Yellow(+)
 - Pin#3- Green(Tachometer/ Signal Output)
 - Pin#4- Blue (PWM)

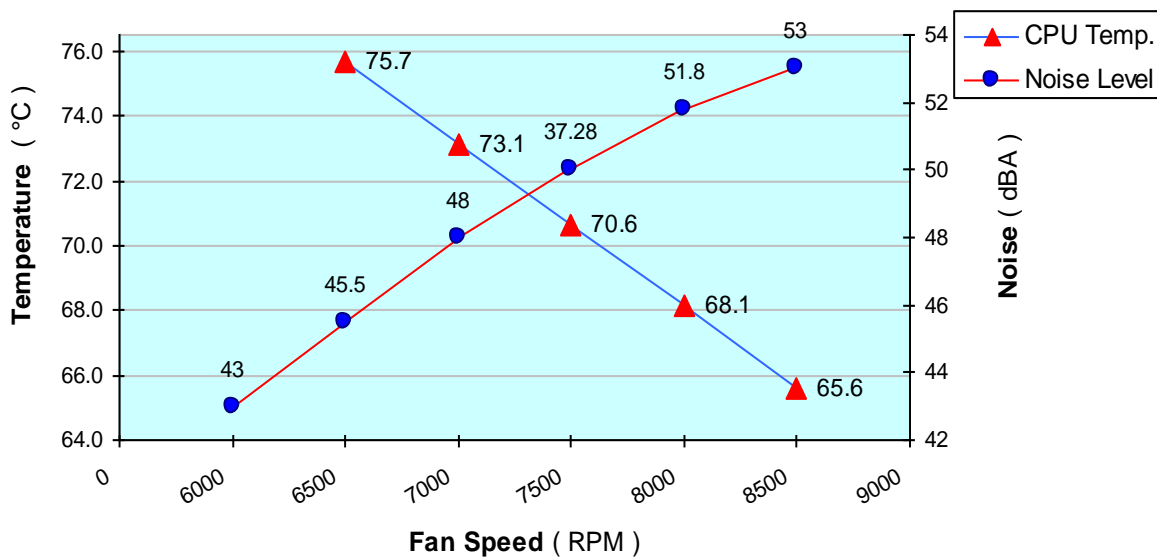
Thermal Spec & Chart :

Testing Equipment: Intel® Socket1366 TTV

Thermal Design Power :130Watts

T_{LA}: 40 degreeC

Testing Interval: 90mins



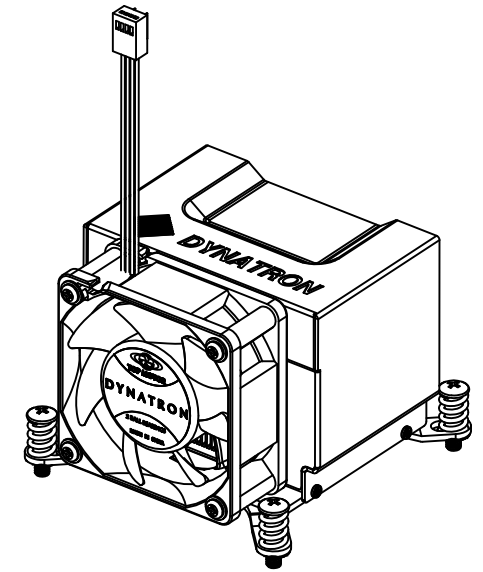
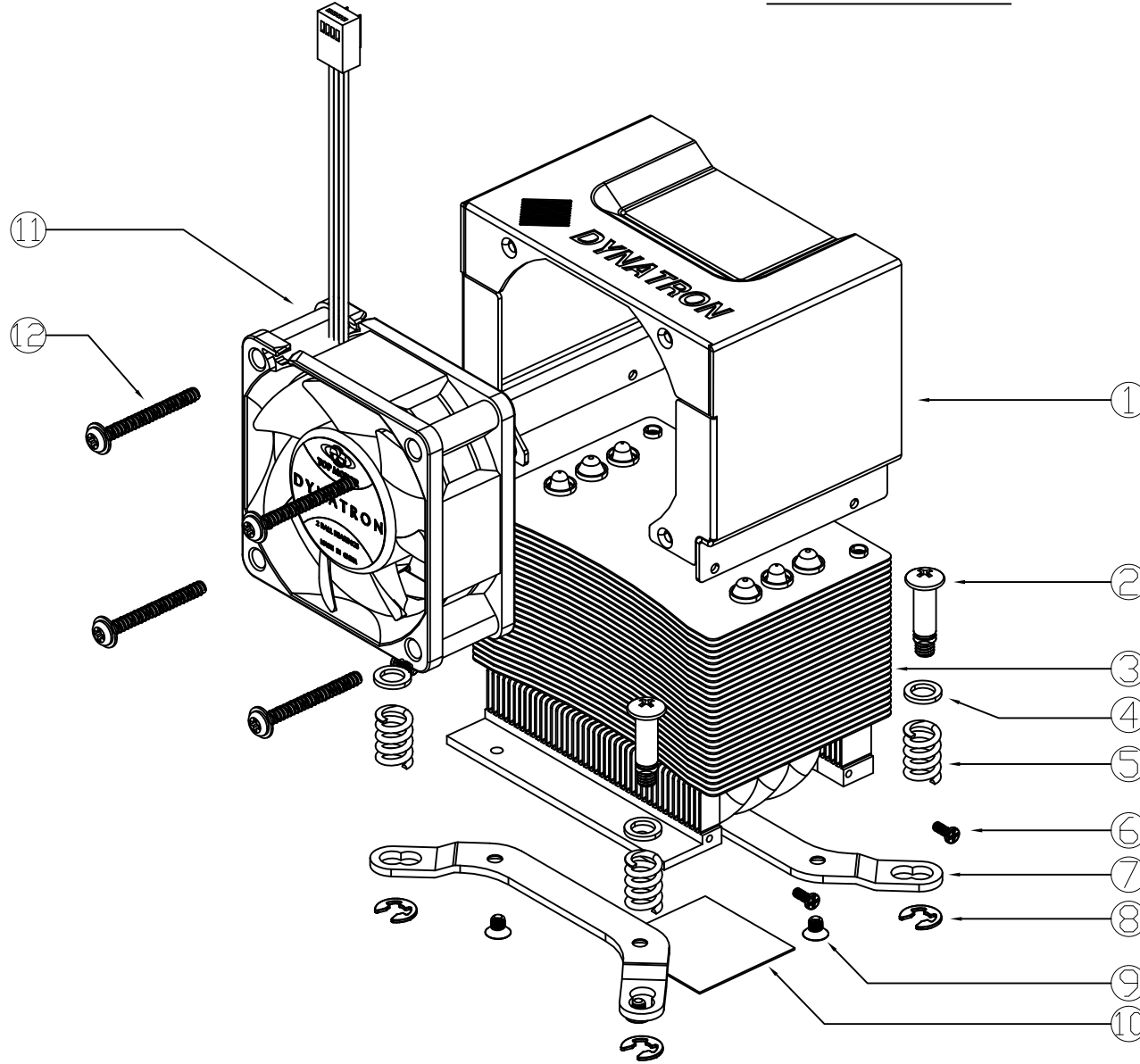
CONFIDENTIAL DOCUMENT

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ITEM#	DESCRIPTION	CHECKER	DATE
1	INITIAL RELEASE	LANG	11/16/12

ASSEMBLY PARTS

WHOLE SET OF COOLER



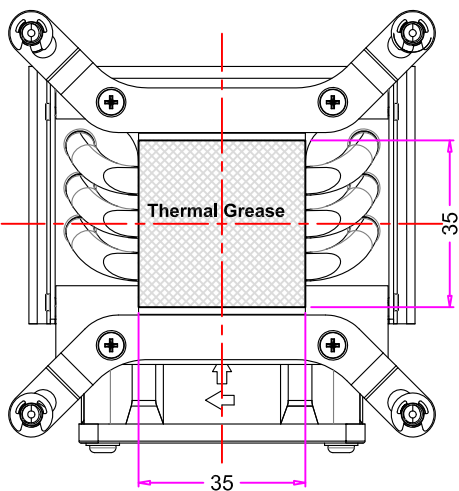
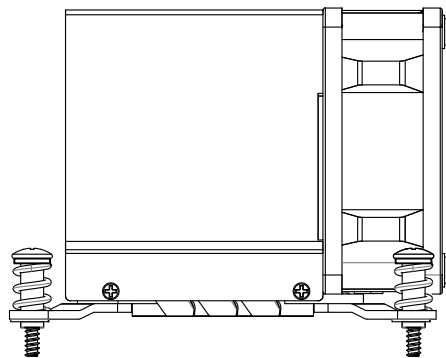
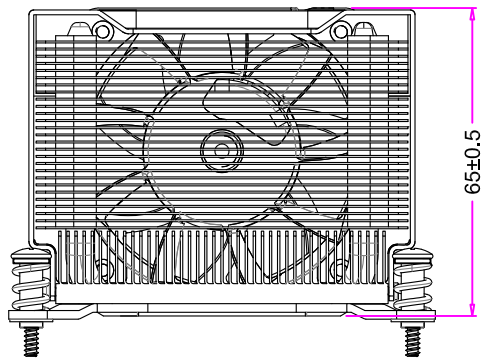
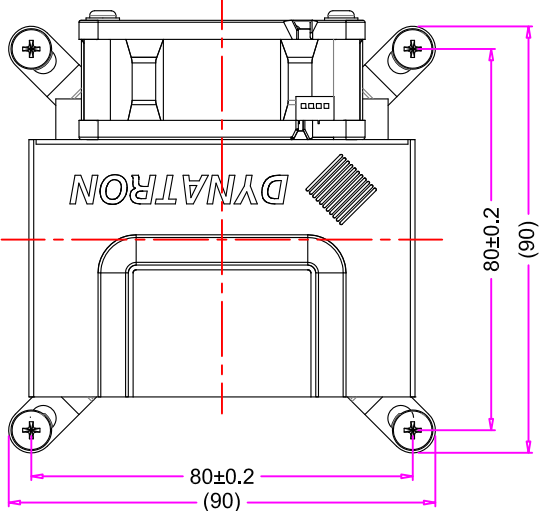
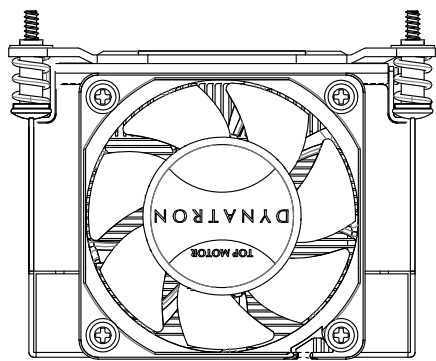
12	SCREW, FAN	STEEL	4
11	FAN, DF126025BU-PWVG, 8000RPM	PLASTIC	1
10	THERMAL GREASE, PRINTED	SHIN-ETSU G751	1
9	SCREW, RETENTION	STEEL	4
8	C-RING	STEEL	4
7	RETENTION	SK7	2
6	SCREW, FAN COVER	STEEL	4
5	SPRING, 10mmL	SUS304	4
4	WASHER	STEEL	4
3	HEATSINK	CU.BASE+AL.FIN+HP	1
2	SCREW, HEATSINK, M3x0.5	STEEL	4
1	COVER, FAN	ALUMINUM	1
ITEM#	DESCRIPTION	MATERIAL	QTY.

NOTES:

1. THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE
2. OVERALL DIMENSION: 90.7 x 85.0 x 64.5 mm
3. OVERALL WEIGHT: 500g

DATE	NAME		
DRAWN 11/16/12	enr	TITLE: 2U Active Cooler G666 (MFG# : LC06250044) BOM & Exploded Assembly Drawing	
CHECKED 11/16/12	LANG		
ENG. APPR.			
MFG. APPR.			
QA			
COMMENTS:		DWG. No:	REV
		DYN-EP-G666 R1	00

ITEM#	DESCRIPTION	CHECKER	DATE
01	INITIAL RELEASE	LANG	11/16/2012



	NAME	DATE
DRAWN BY	ENGR	11/16/2012
CHECKED BY	LANG	11/16/2012
ENG. APPROVED		
MFG. APPROVED	-	-
Q.A.	-	-



DYNATRON CORPORATION

TITLE: 2U Active Cooler **G666**
(MFG# : LC06250044)
Overall Dimension Drawing

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VIEW	
UNITS	MM

DWG. No:	DYN-DM-G666 R1	REV.	00
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