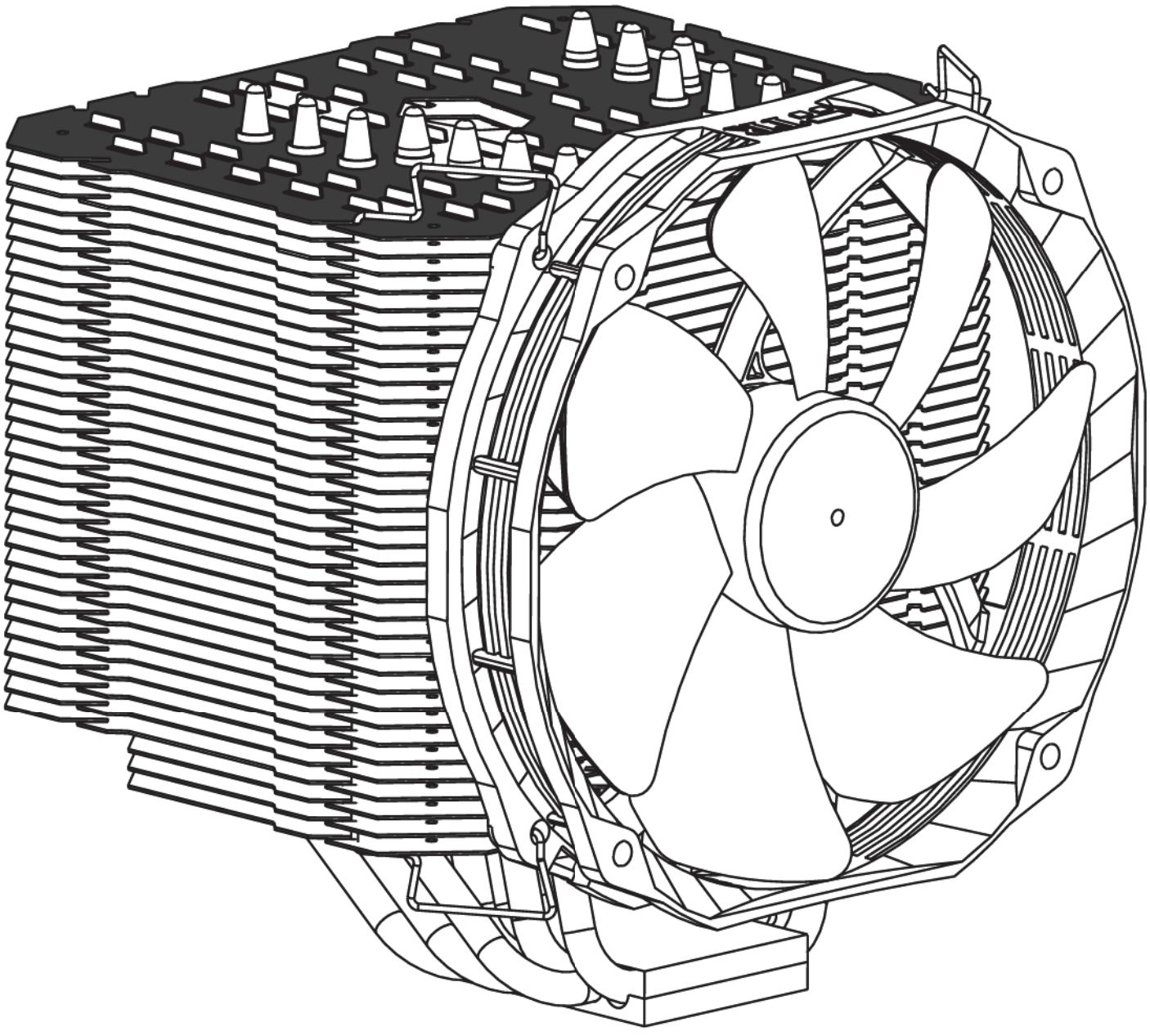
Thermalright

Le GRAND MACHO



Le GRAND MACHO Assembly package

× 4

× 1

× 4

× 4

4

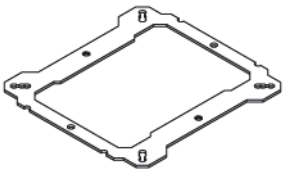
× 7

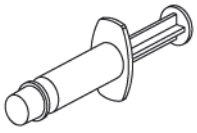
× 4

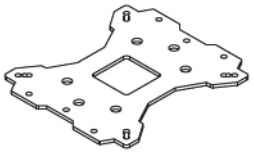
× 5

× 4

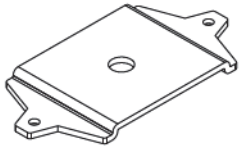
4

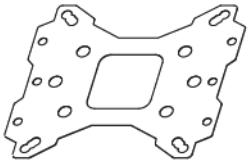
 × 1

 × 1

 × 1

× 2

 × 1

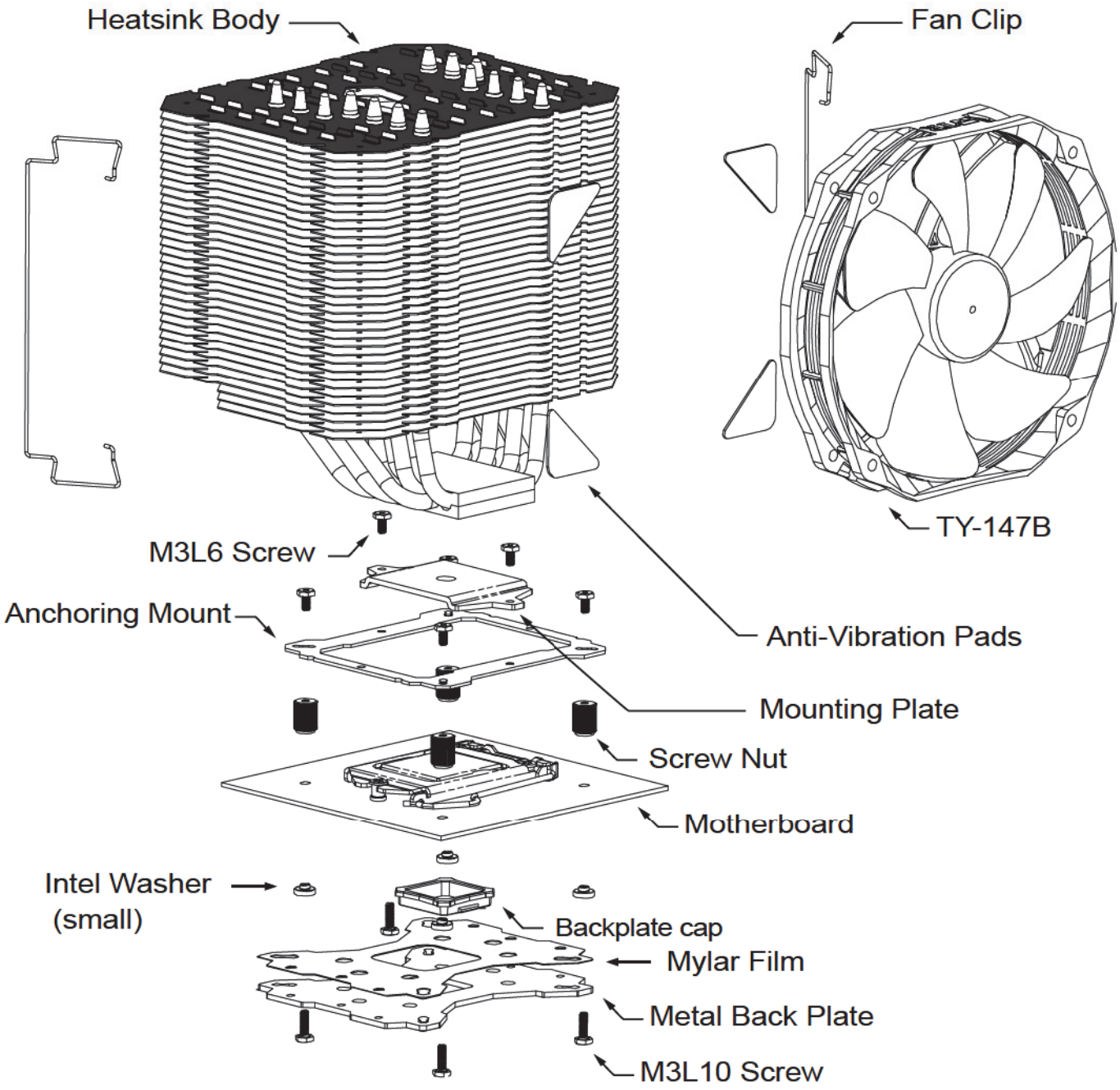
 × 1

8

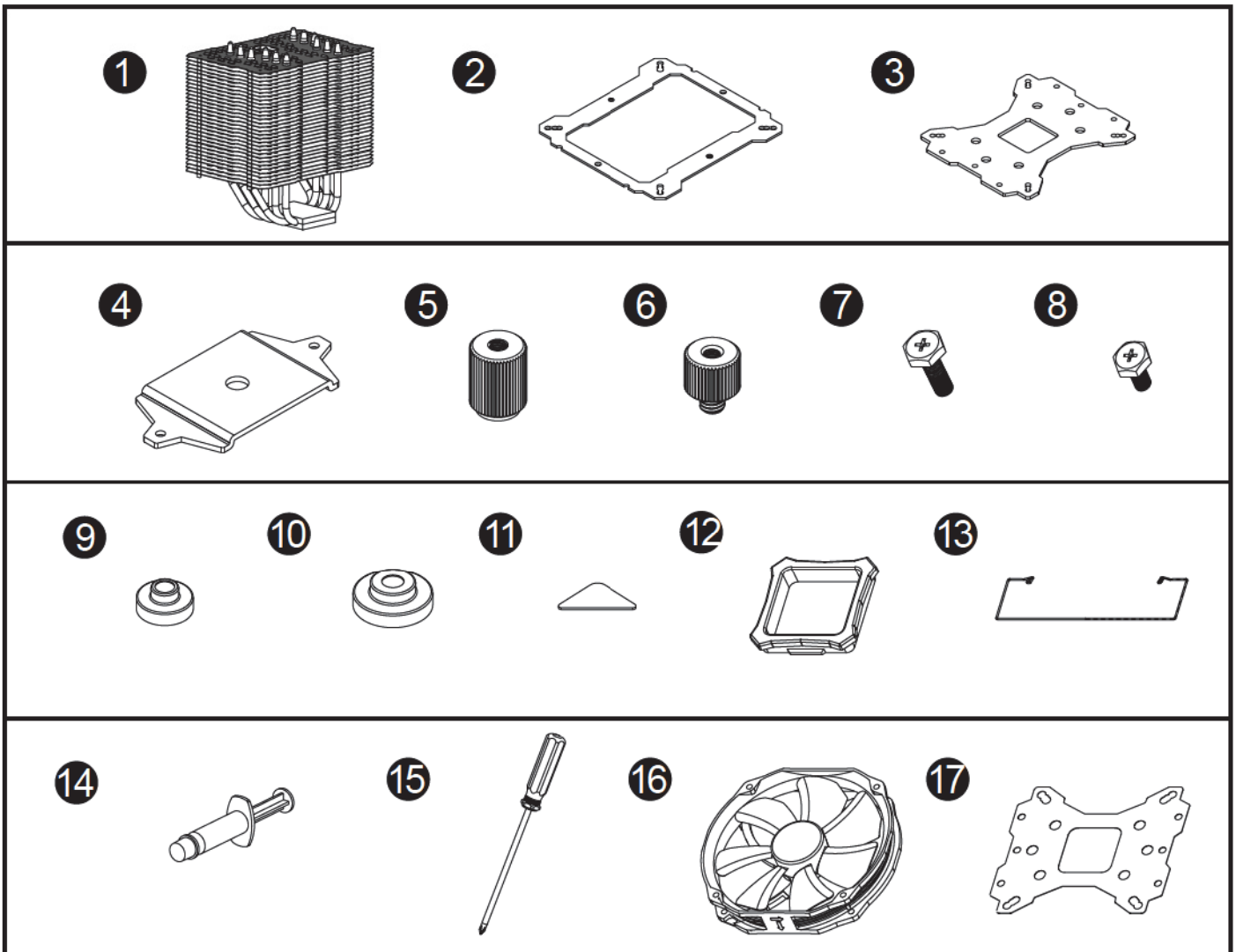
Thermalright

Exploded View

Important! Before proceeding with installation, please check for the most up-to-date instructions at **www.thermalright.com**



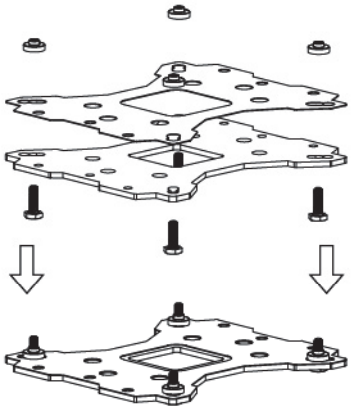
Component

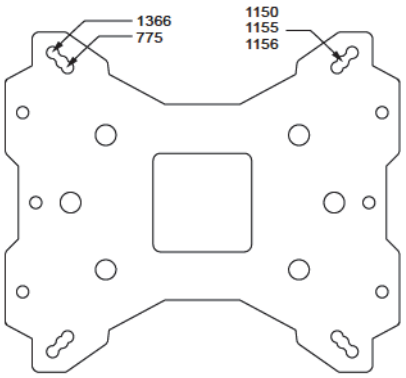


1 Le GRAND MACHO Heatsink Body ×1	2 Anchoring Mount ×1	3 Metal Back Plate ×1
4 Mounting Plate ×1	5 Screw Nut ×4	6 LGA2011 Type B Screw Pillars x4
7 M3 L10 Screw ×5	8 M3 L6 Screw ×7	9 Intel Washer (small) ×4
10 AMD Washer (big) ×4	11 Anti-Vibration Pad ×4	12 Backplate cap ×1
13 Fan Clip ×2	14 Chill Factor III ×1	15 Screw driver ×1
16 TY-147B ×1	17 Mylar Film×1	

Installation Instructions:

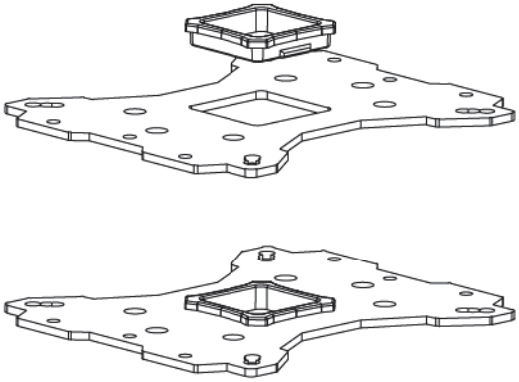
Step 1:





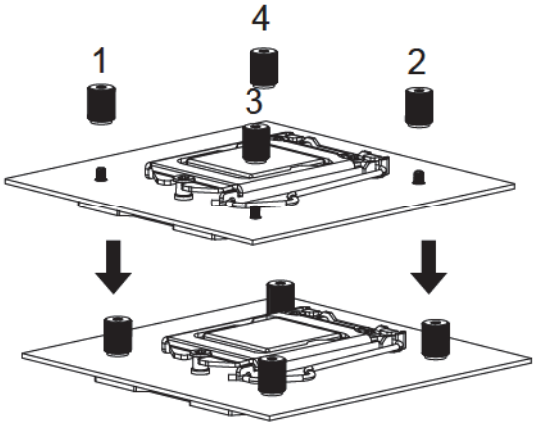
Step 1 : Backplate Installation
Choose the platform (775/1150/1151/1155/1156/1366) you are in use. Make four M3L10 Screw Pillars go through the Metal Back Plate and the Mylar film from bottom towards top.And then place the Metal Back Plate on the table. Put the four Washers (for Intel) around the Screw Pillars.

Step 2:



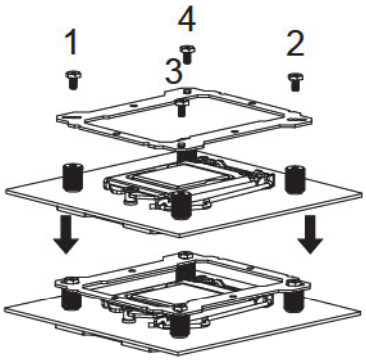
Step 2 : 775 Back Plate Cap
Note: When installing on a 775 platform, please first insert the Back Plate Cap into the opening on the Back plate, make sure you have the Cap facing downwards. (Only for LGA775 platform, all other platforms go directly to Step 3.).

Step 3:



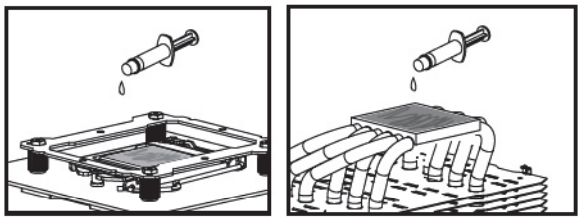
Step 3 : Place the motherboard on top of the Back Plate. See the four Screw Pillars go through the four holes around the processor socket.Cap the four Screw Pillars with the four Screw Nuts.Make sure the side with a washer is facing the Back Plate.

Step 4:



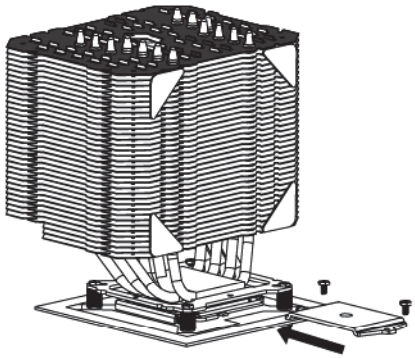
Step 4 : Anchoring Mount Installation
Place the Anchoring Mount on the Screw Nuts. Use the four M3L6 Screws to fix the Anchoring Mount on to the Screw Nuts.

Step 5:



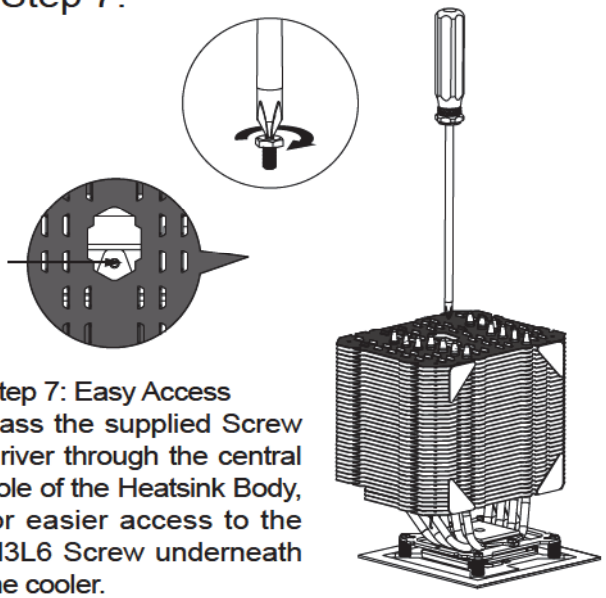
Step 5 : Apply the thermal paste
Apply the thermal paste to the base of the Heatsink and the surface of the CPU evenly. (A flat edge, like a business card or an old credit card would be beneficial in spreading the thermal paste.)

Step 6:



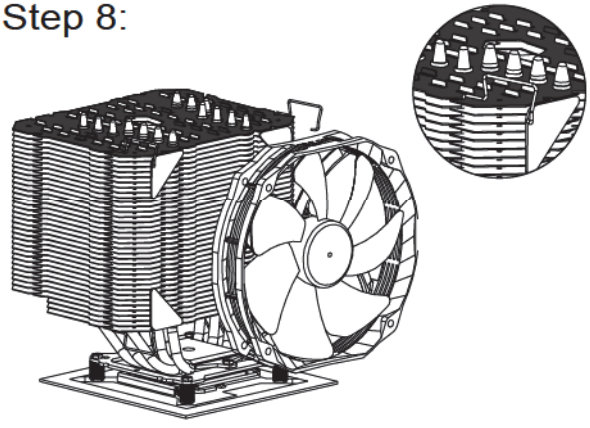
Step 6: Padding and Mounting Plate Installation
Apply Anti-Vibration padding to 4 corners on the heat-sink.Place the Heatsink Body on top of the CPU. Make Mounting Plate go through the Heatsink Body. And then use the two M3L6 screws to secure the Mounting Plate, one side at a time in several turns to ensure balanced mounting.

Step 7:



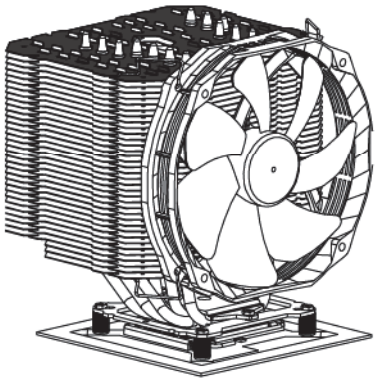
Step 7: Easy Access
Pass the supplied Screw Driver through the central hole of the Heatsink Body, for easier access to the M3L6 Screw underneath the cooler.

Step 8:



Step 8: Fan Installation
Put the fan clips into the dents on two sides of the heat-sink body and make the two ends of the fan clip go through holes on flange the TY-147B fan.

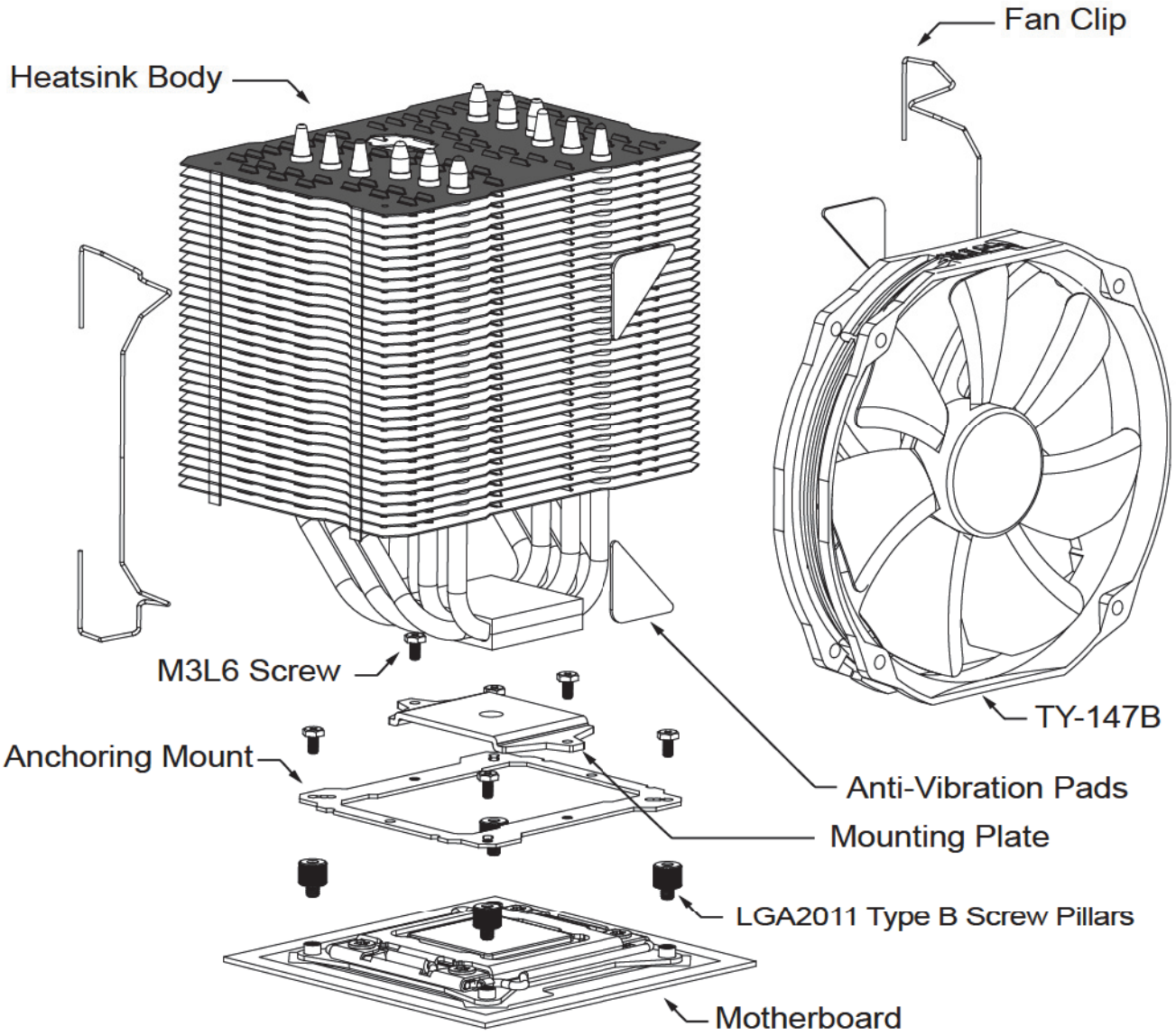
Step 9:



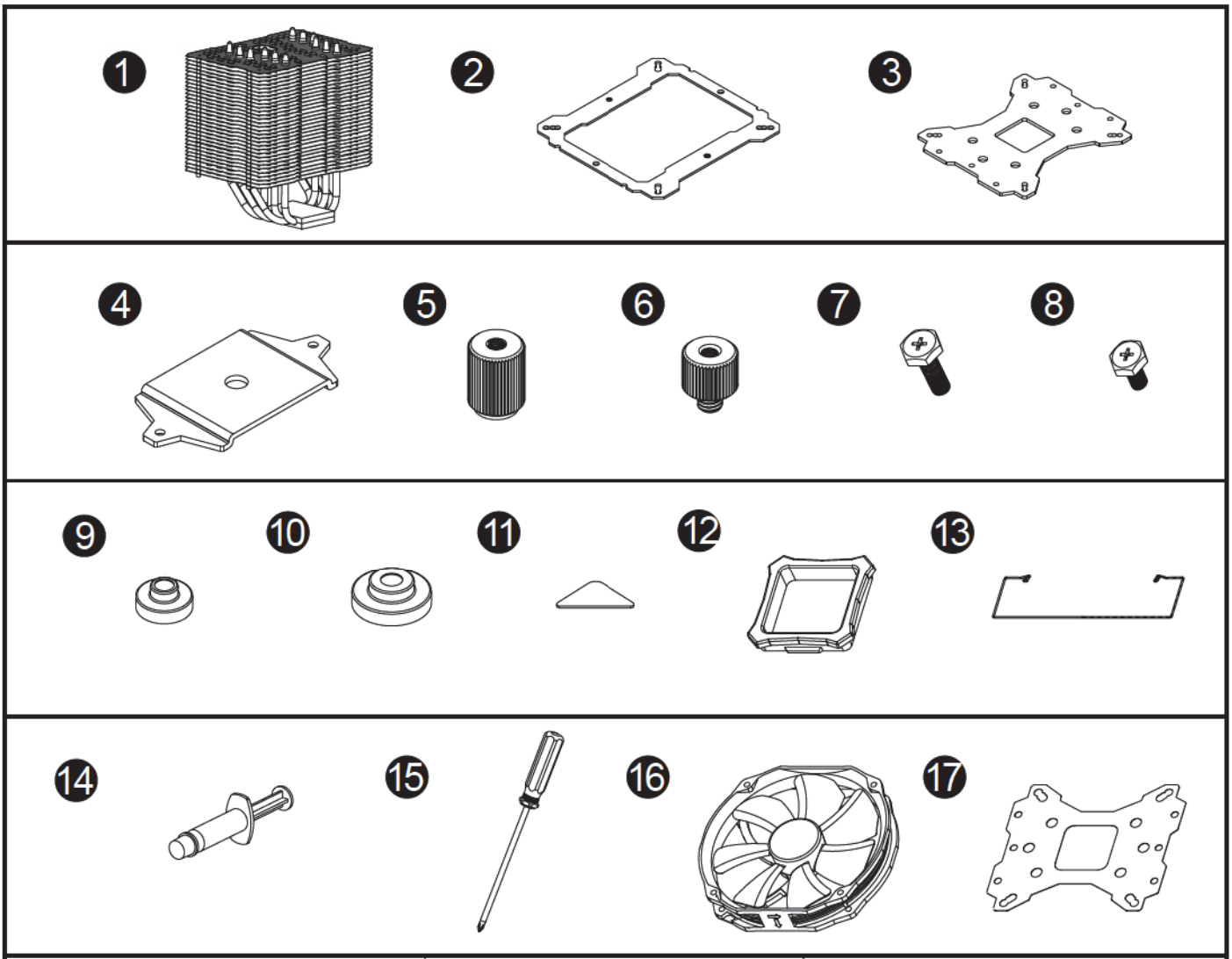
Step 9 : Installation completed
Plug in the fan connector to the CPU PWM Fan socket on the motherboard. Installation complete.

Exploded View

Important! Before proceeding with installation, please check for the most up-to-date instructions at **www.thermalright.com**



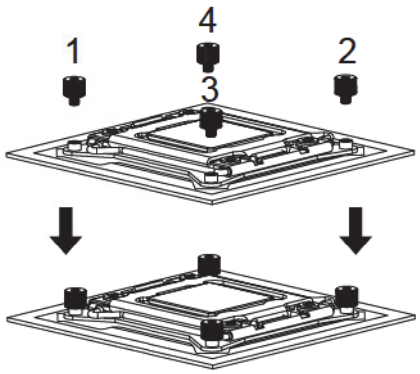
Component



1 Le GRAND MACHO Heatsink Body ×1	2 Anchoring Mount ×1	3 Metal Back Plate ×1
4 Mounting Plate ×1	5 Screw Nut ×4	6 LGA2011 Type B Screw Pillars x4
7 M3 L10 Screw ×5	8 M3 L6 Screw ×7	9 Intel Washer (small) ×4
10 AMD Washer (big) ×4	11 Anti-Vibration Pad ×4	12 Backplate cap ×1
13 Fan Clip ×2	14 Chill Factor III ×1	15 Screw driver ×1
16 TY-147B ×1	17 Mylar Film×1	

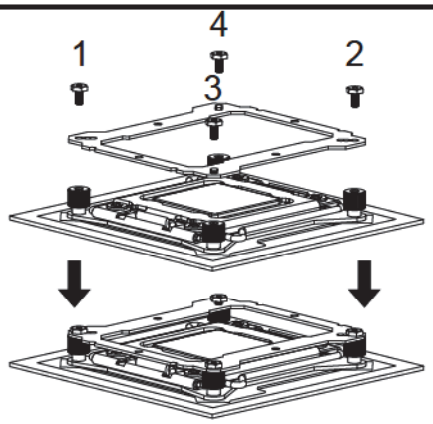
Installation Instructions:

Step 1:



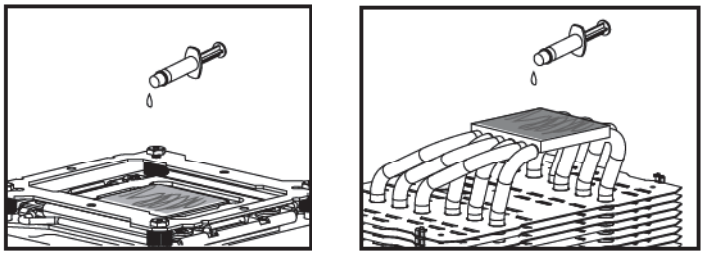
Step 1 : Screw Pillar Installation
Place the motherboard (the processor installed) on top of the desk or a workbench. Fix the four included LGA2011 Type B Screw Pillars into the heat-sink studs on the Intel ILM Assembly Frame around the processor socket in a criss-cross pattern.

Step 2:



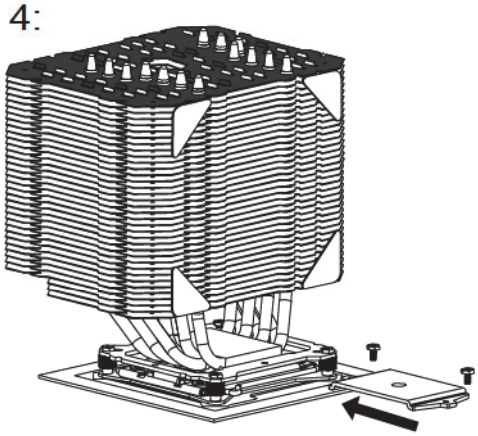
Step 2: Anchoring Mount Installation
Place the Anchoring Mount on the Screw Pillars. Use the four M3L6 Screws to fix the Anchoring Mount on to the Screw Pillars, also in a criss-cross pattern to ensure balanced mounting.

Step 3:



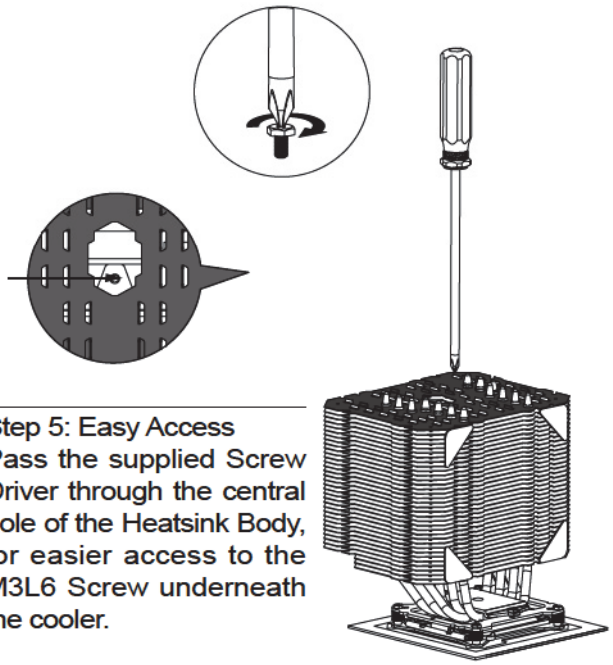
Step 3 : Apply the thermal paste
Apply the thermal paste to the base of the Heatsink and the surface of the CPU evenly. (A flat edge, like a business card or an old credit card would be beneficial in spreading the thermal paste.)

Step 4:



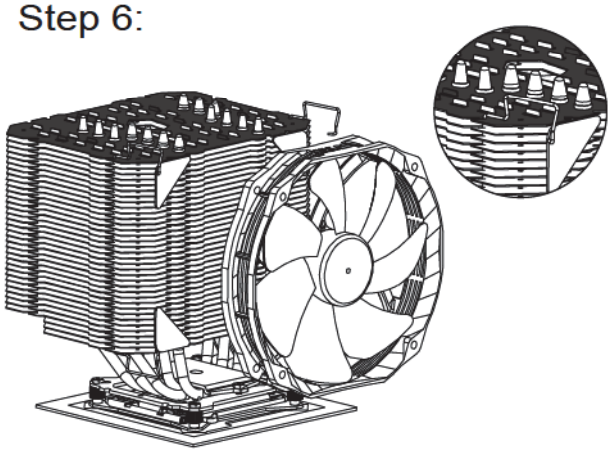
Step 4: Padding and Mounting Plate Installation
Apply Anti-Vibration padding to 4 corners on the heat-sink.
Place the Heatsink Body on top of the CPU. Make Mounting Plate go through the Heatsink Body.
And then use the two M3L6 screws to secure the Mounting Plate, one side at a time in several turns to ensure balanced mounting.

Step 5:



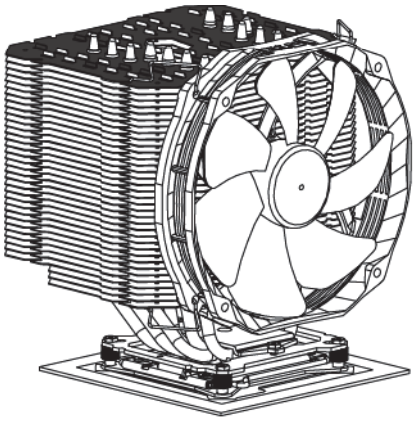
Step 5: Easy Access
Pass the supplied Screw Driver through the central hole of the Heatsink Body, for easier access to the M3L6 Screw underneath the cooler.

Step 6:



Step 6 : Fan Installation
Put the fan clips into the dents on two sides of the heat-sink body and make the two ends of the fan clip go through holes on flange the TY-147B fan.

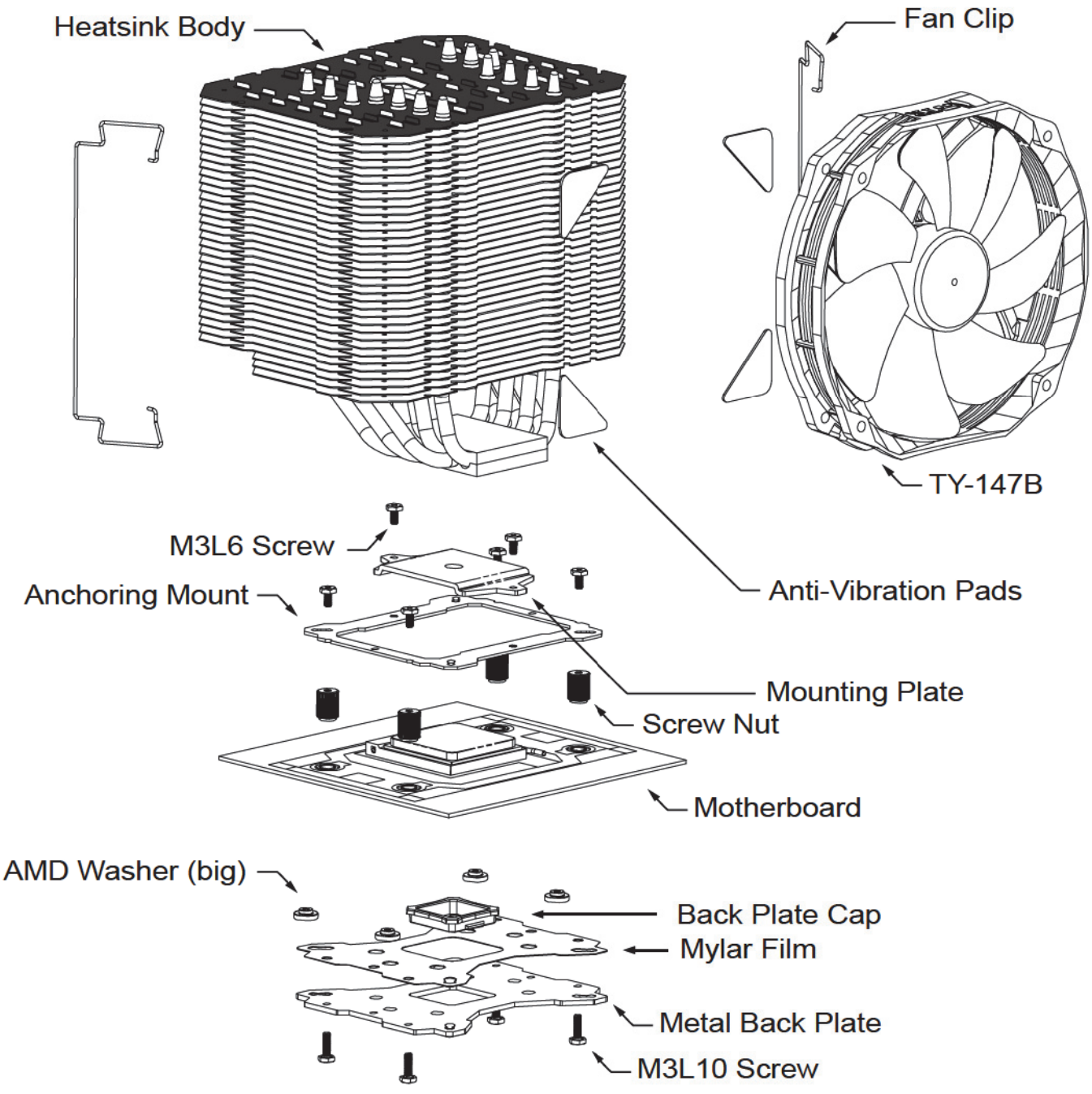
Step 7:



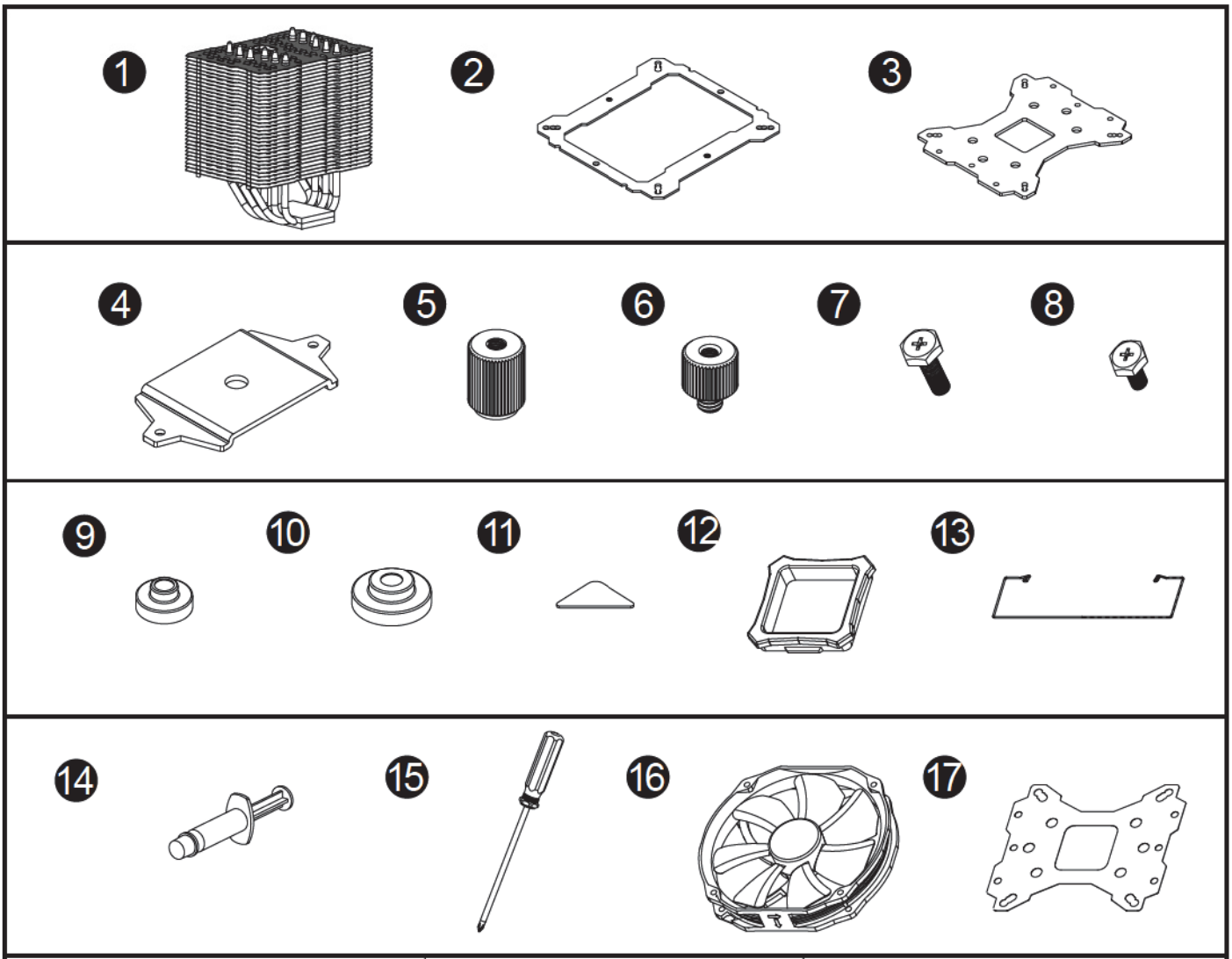
Step 7: Installation completed
Plug in the fan connector to the CPU PWM Fan socket on the motherboard. Installation complete.

Exploded View

Important! Before proceeding with installation, please check for the most up-to-date instructions at **www.thermalright.com**



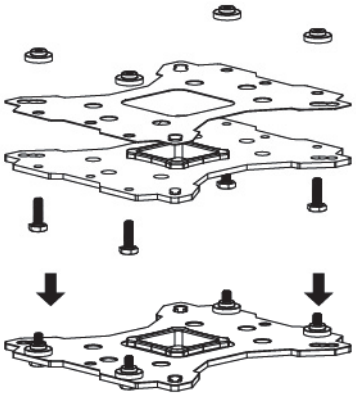
Component

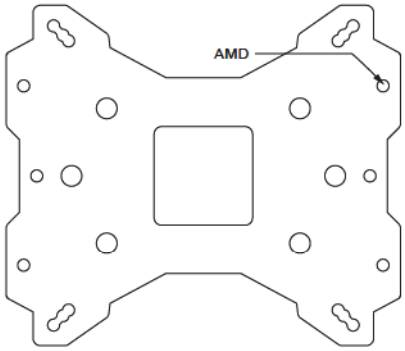


1 Le GRAND MACHO Heatsink Body ×1	2 Anchoring Mount ×1	3 Metal Back Plate ×1
4 Mounting Plate ×1	5 Screw Nut ×4	6 LGA2011 Type B Screw Pillars x4
7 M3 L10 Screw ×5	8 M3 L6 Screw ×7	9 Intel Washer (small) ×4
10 AMD Washer (big) ×4	11 Anti-Vibration Pad ×4	12 Backplate cap ×1
13 Fan Clip ×2	14 Chill Factor III ×1	15 Screw driver ×1
16 TY-147B ×1	17 Mylar Film×1	

Installation Instructions:

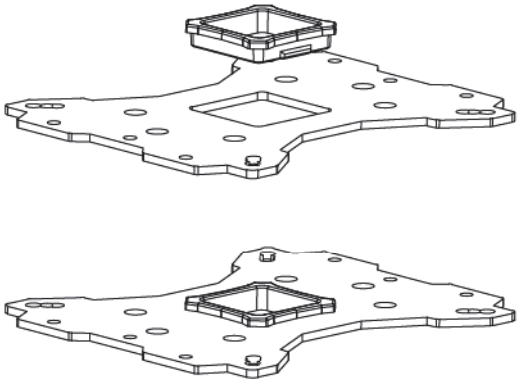
Step 1:





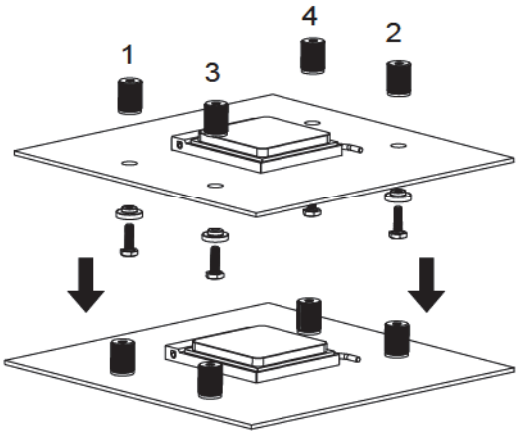
Step 1 : Backplate Installation
Choose the platform (AMD) you are in use. Make four M3L10 Screw Pillars go through the Metal Back Plate and the Mylar film from bottom towards top. And then place the Metal Back Plate on the table. Put the four Washers (for AMD) around the Screw Pillars.

Step 2:



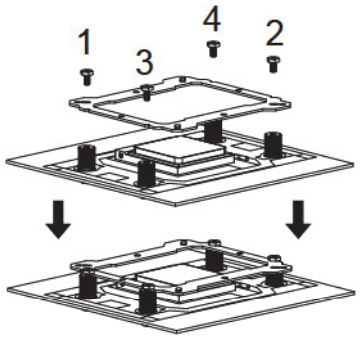
Step 2 : Back Plate Cap
Note: When installing on an AMD platform, please first insert the Back Plate Cap into the opening on the Metal Back plate, make sure you have the Cap facing downwards.

Step 3:



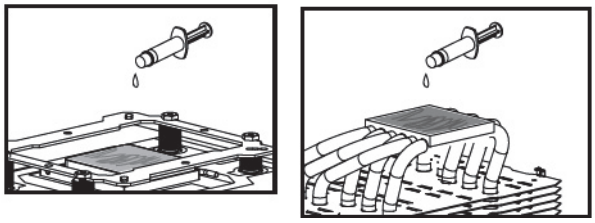
Step 3 : Place the motherboard on top of the Back Plate. See the four Screw Pillars go through the four holes around the processor socket. Cap the four Screw Pillars with the four Screw Nuts in a criss-cross pattern.Make sure the side with a washer is facing the Back Plate.

Step 4:



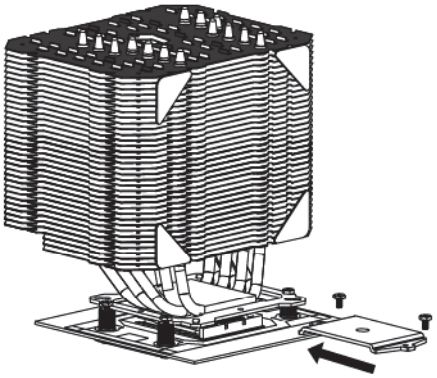
Step 4: Anchoring Mount Installation
Place the Anchoring Mount on the Screw Nuts. Use the four M3L6 Screws to fix the Anchoring Mount on to the Screw Nuts.

Step 5:



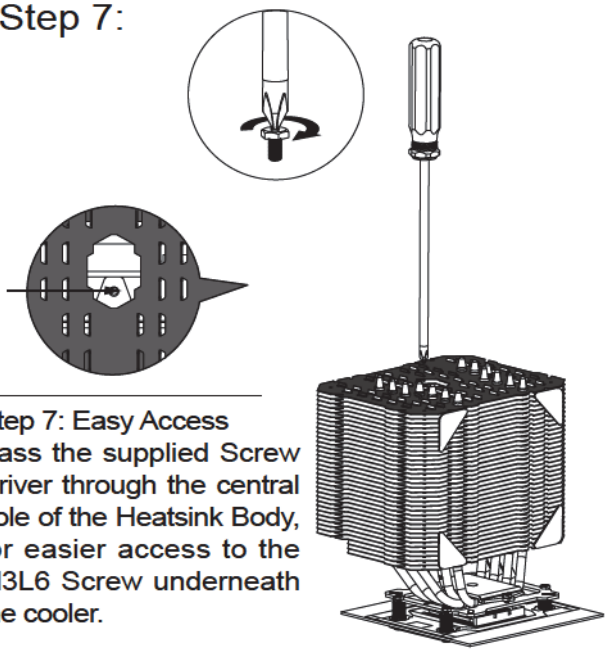
Step 5 : Applying Thermal Paste
Apply the Thermal Paste to the base of the Heatsink and the surface of the CPU evenly. (A flat edge, like a business card or an old credit card would be beneficial in spreading the thermal paste.)

Step 6:



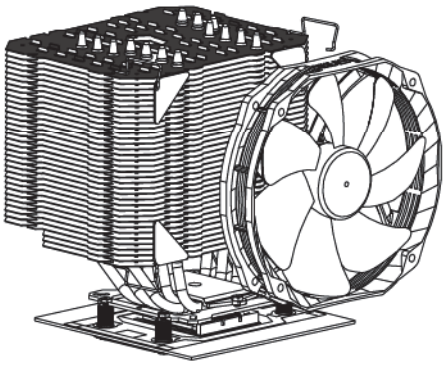
Step 6: Padding and Mounting Plate Installation
Apply Anti-Vibration padding to 4 corners on the heat-sink.Place the Heatsink Body on top of the CPU. Make Mounting Plate go through the Heatsink Body. And then use the two M3L6 screws to secure the Mounting Plate, one side at a time in several turns to ensure balanced mounting.

Step 7:



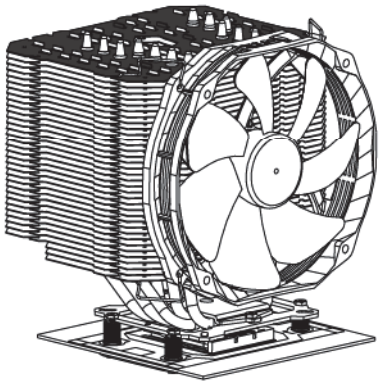
Step 7: Easy Access
Pass the supplied Screw Driver through the central hole of the Heatsink Body, for easier access to the M3L6 Screw underneath the cooler.

Step 8:



Step 8 : Fan Installation
Put the fan clips into the dents on two sides of the heat-sink body and make the two ends of the fan clip go through holes on flange the TY-147B fan.

Step 9:

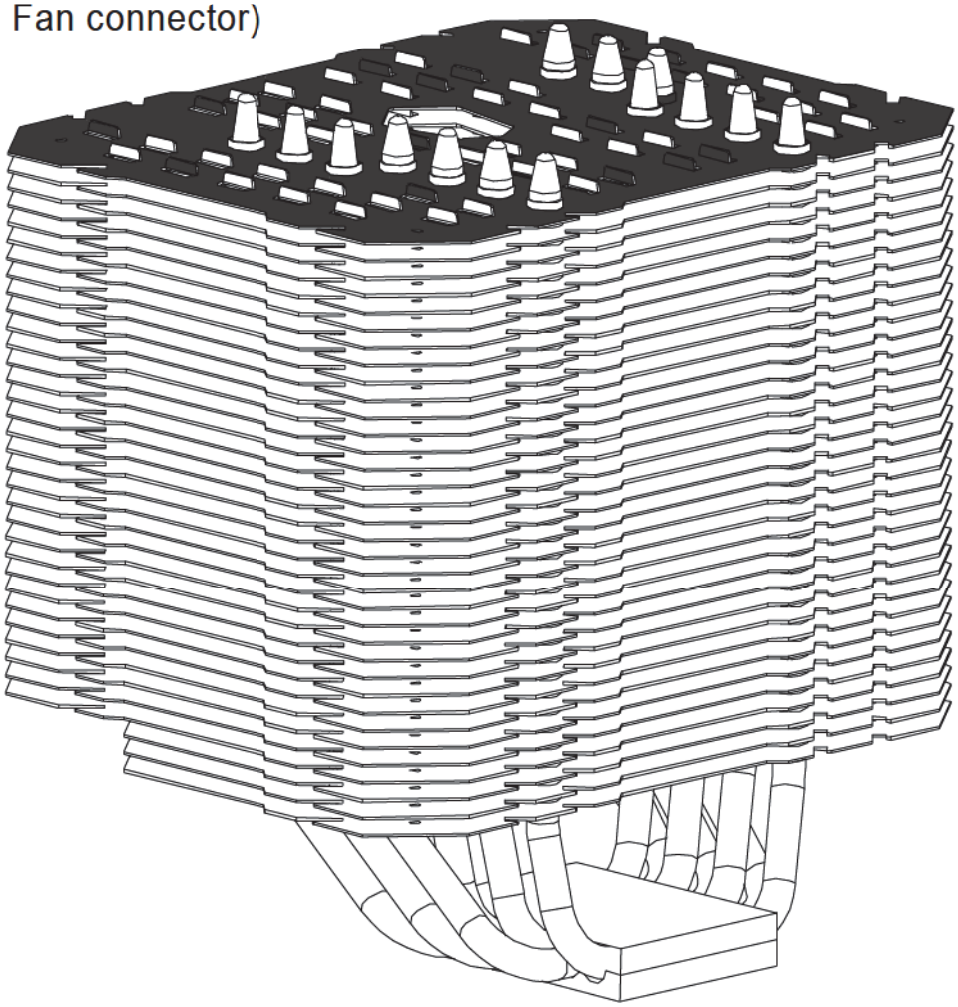


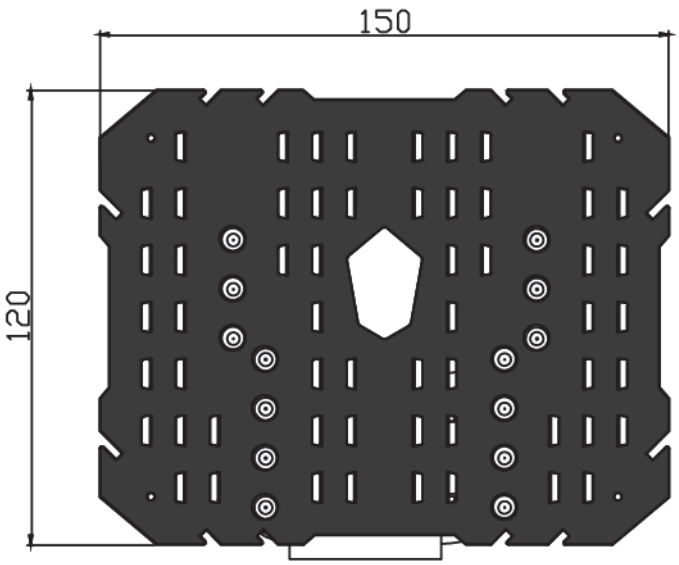
Step 9 : Installation completed
Plug in the fan connector to the CPU PWM Fan socket on the motherboard. Installation complete.

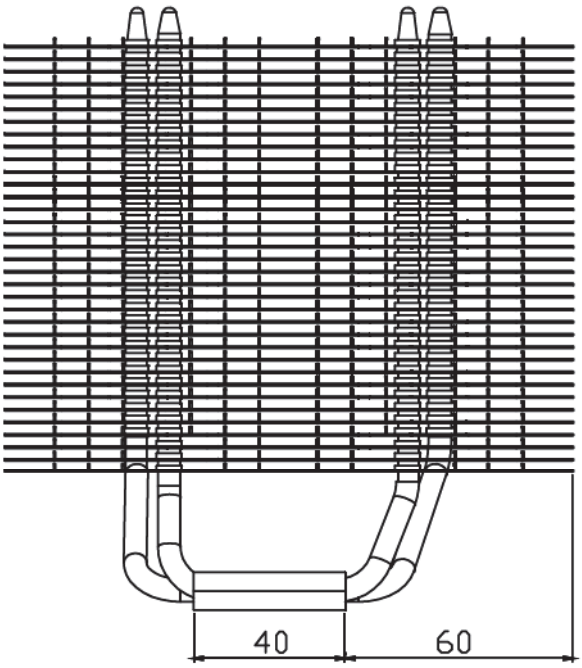
Technical Spec

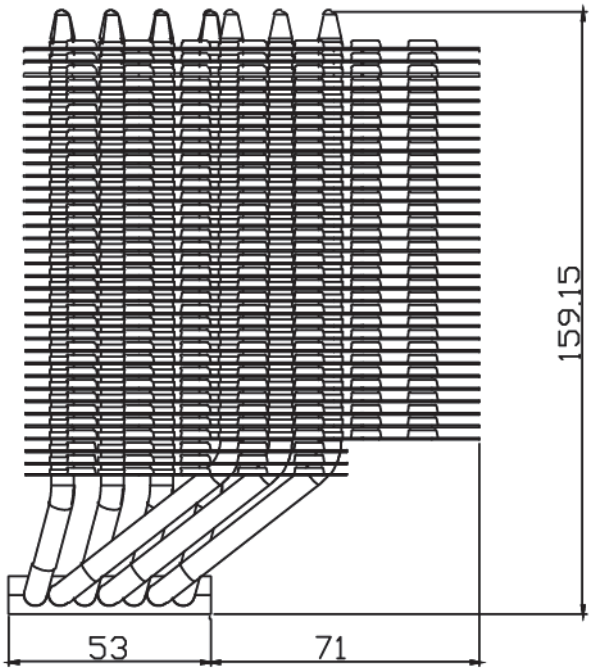
Heatsink Specifications:
Dimension: Length 150mm x Width 120 x Height 159
Weight: 960g
Heatpipe: 6mm heatpipe*7units
Copper Base: C1100 Pure copper nickel plated

Fan Specification:
Dimension: L152mm x H140mm x W26.5m
Weight: 160g
Fan speed: 300~1300RPM (4-Pin PWM)
Fan noise: 14~20dBA MAX (4-Pin PWM)
Airflow: 16.9~73.6CFM MAX
Connector: 4 Pin (PWM Fan connector)




150
120


40
60


159.15
53
71

Awards

Computer Bild
EDITORS CHOICE
GOLD AWARD
Benchmark Reviews.com
mAx
Preis-Leistung
best buy
gold
by
xtreme
hardware

The Ultimate Cooling Solutions!

Thermalright
www.thermalright.com
TEL: +886-2-2915-5005
FAX: +886-2-2915-5123
EMAIL: sales@thermalright.com