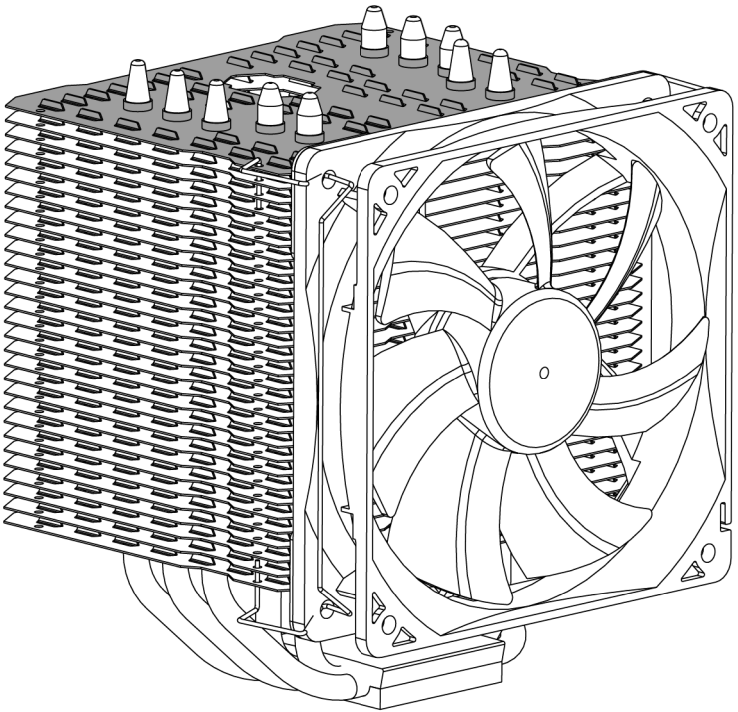
Thermalright

Macho 120 Rev.A



Macho 120 Rev.A Assembly package

× 4

× 4

× 4

4

× 7

× 4

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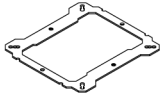
4

 × 1

× 1

× 1

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8

Exploded View

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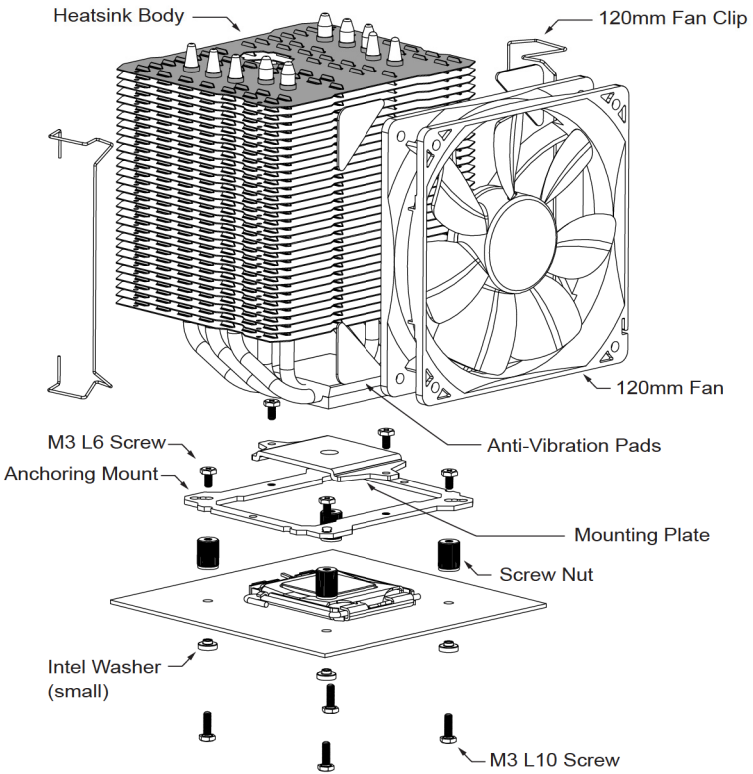
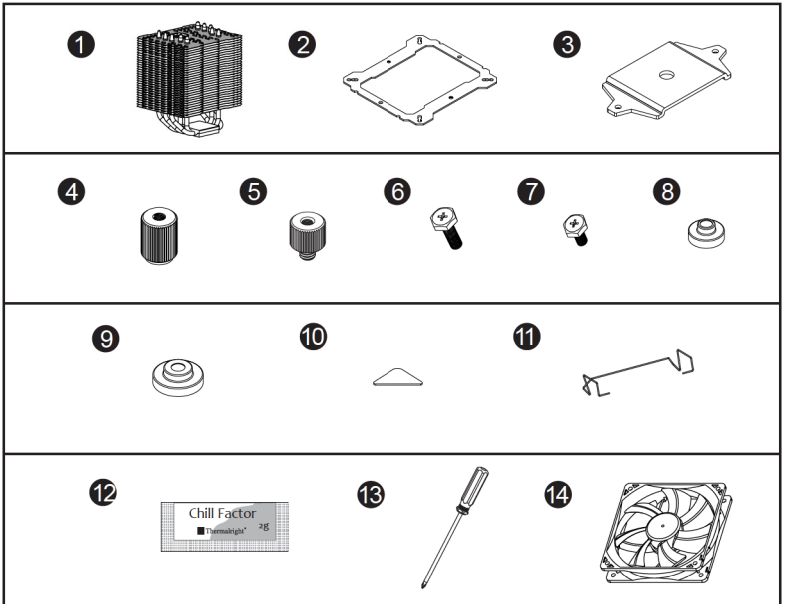


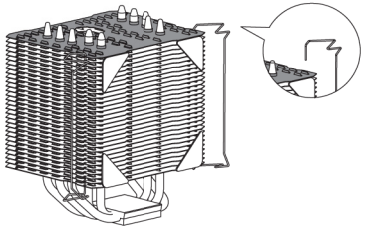
Component



❶ Heatsink Body ×1	❷ Anchoring Mount ×1	❸ Mounting Plate ×1
❹ Screw Nut ×4	❺ LGA2011 Type B Screw Pillars x4	❻ M3 L10 Screw ×5
❼ M3 L6 Screw ×7	❽ Intel Washer (small) ×4	❾ AMD Washer (big) ×4
❿ Anti-Vibration Pad ×4	⓫ 120mm Fan Clip ×2	⓬ Thermal paste ×1
⓭ Screw driver ×1	⓮ 120mm Fan ×1	

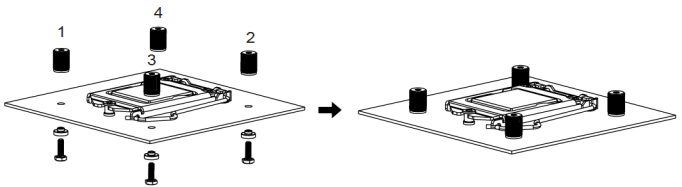
Installation Instructions:

Step 1:



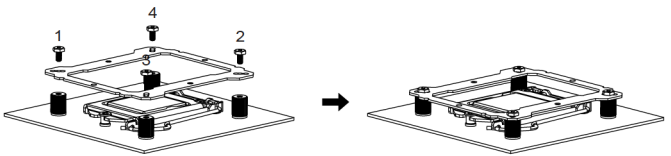
Step 1 : Take out Macho cooler from the paper box.
Remove the 120mm Fan from the cooler by pulling the Fan Clips upwards in order to give room for ease of installation. And leave the Fan Clips on the Heatsink Body. Do not remove them.Apply Anti-Vibration Padding to 4 corners on the Heatsink Body.

Step 2:



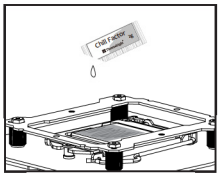
Step 2 : Install the four screw pillars.
Take one M3L10 screw and put one washer for Intel around the screw pillar. Snap it through one of holes around CPU socket from bottom towards top. Cap the screw pillar with the screw nut included and then tighten up. Now repeat this installation for the other three screw pillars in a criss-cross pattern.

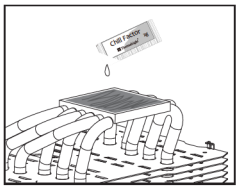
Step 3:



Step 3 : Place the Anchoring Mount on the Screw Nuts.
Use the four M3L6 screws to fix the Anchoring Mount on to the Screw Nuts.

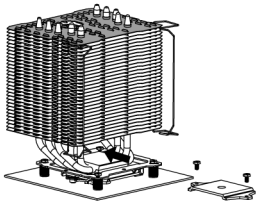
Step 4:





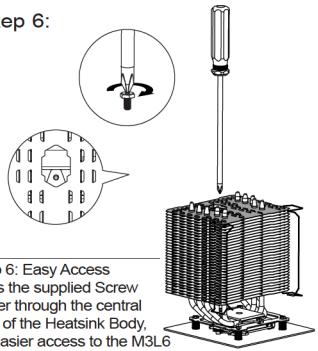
Step 4 : Applying Thermal Paste
Apply the Thermal Paste to the base of the Heatsink and the surface of the CPU evenly.

Step 5:



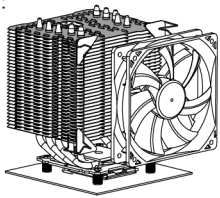
Step 5: Mounting Plate Installation
Place the Heatsink Body on top of the CPU. Make the Mounting Plate go through the Heatsink Body. Then use the supplied Screw Driver to fasten the two M3L6 Screws to Secure the Mounting Plate.

Step 6:



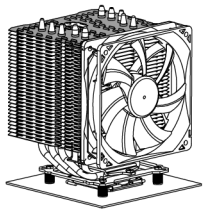
Step 6: Easy Access
Pass the supplied Screw Driver through the central hole of the Heatsink Body, for easier access to the M3L6 Screw underneath the cooler.

Step 7:



Step 7 : Fan Installation
Place the included 120mm fan onto the Heatsink Body. And then secure it with the 120mm Fan Clips, by pulling the Fan Clips to place the four ends at the four holes on the 120mm Fan.

Step 8:



Step 8 : Installation completed
Plug in the fan connector to the CPU PWM Fan socket on the motherboard. Installation complete.

Exploded View

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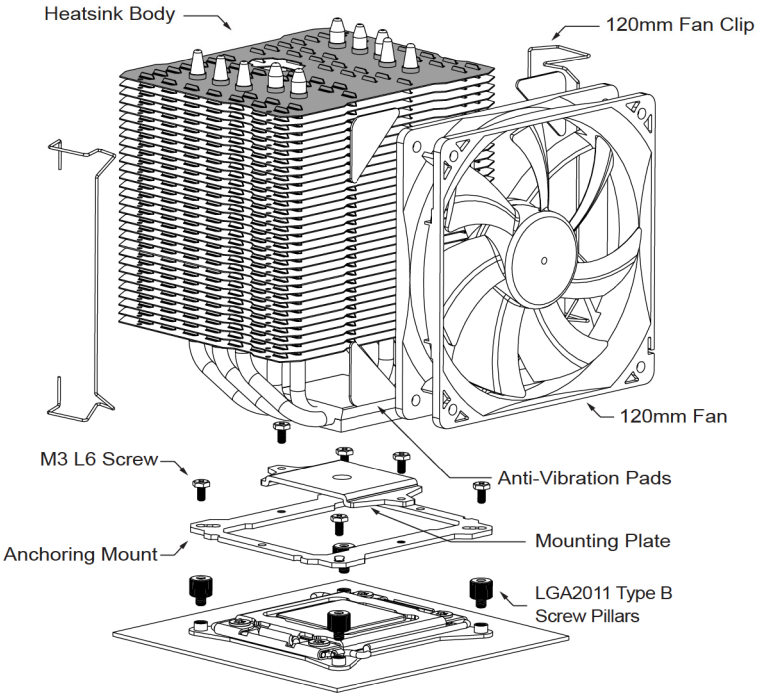
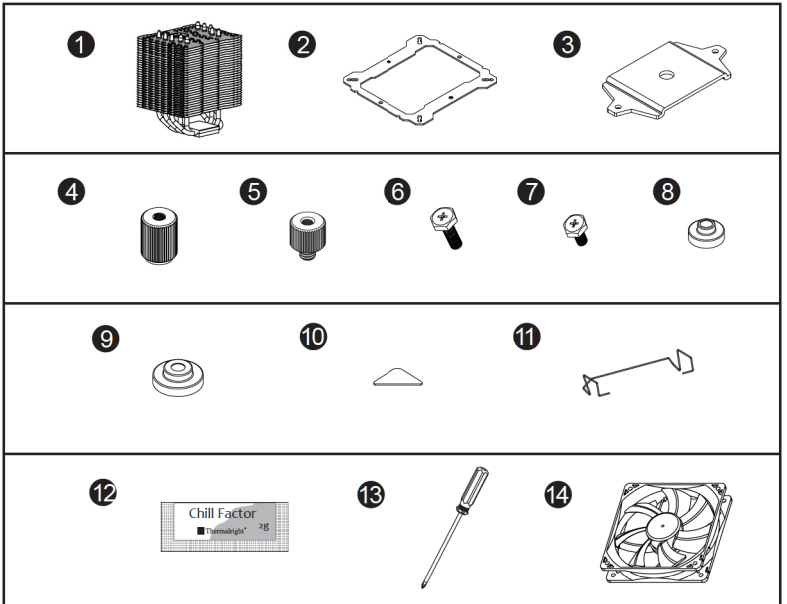


Component



❶ Heatsink Body ×1	❷ Anchoring Mount ×1	❸ Mounting Plate ×1
❹ Screw Nut ×4	❺ LGA2011 Type B Screw Pillars x4	❻ M3 L10 Screw ×5
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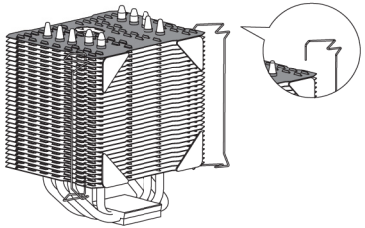
❿ Anti-Vibration Pad ×4	⓫ 120mm Fan Clip ×2	⓬ Thermal paste ×1
⓭ Screw driver ×1	⓮ 120mm Fan ×1	

Installation Instructions:

Step 1:



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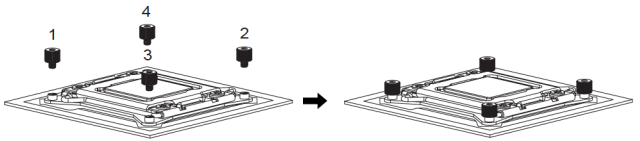
Remove the 120mm Fan from the cooler by pulling the Fan Clips upwards in order to give room for ease of installation. And leave the Fan Clips on the Heatsink Body. Do not remove them.Apply Anti-Vibration Padding to 4 corners on the Heatsink Body.

Step 2:



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Take one M3L10 screw and put one washer for Intel around the screw pillar. Snap it through one of holes around CPU socket from bottom towards top. Cap the screw pillar with the screw nut included and then tighten up. Now repeat this installation for the other three screw pillars in a criss-cross pattern.

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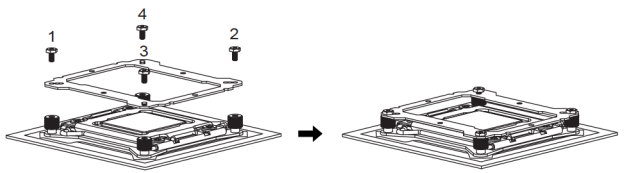

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Use the four M3L6 screws to fix the Anchoring Mount on to the Screw Nuts.

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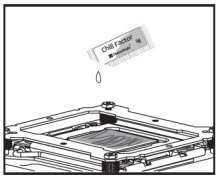

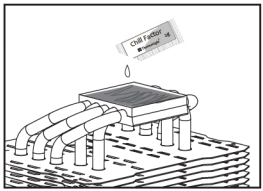

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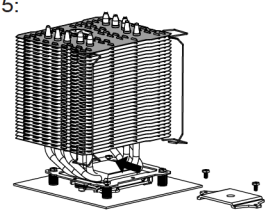
Step 5:



Step 5: Mounting Plate Installation
Place the Heatsink Body on top of the CPU. Make the Mounting Plate go through the Heatsink Body. Then use the supplied Screw Driver to fasten the two M3L6 Screws to Secure the Mounting Plate.

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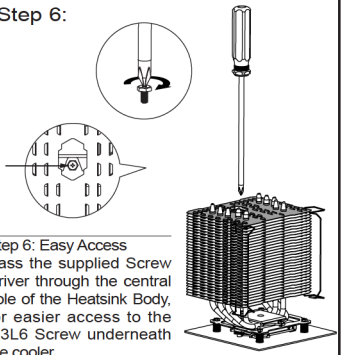

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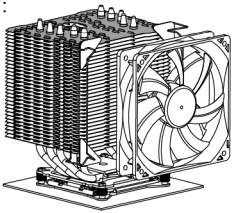
Step 7:



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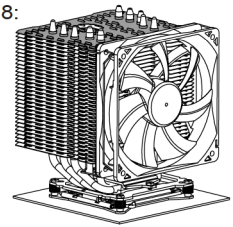

Step 8 : Installation completed
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Exploded View

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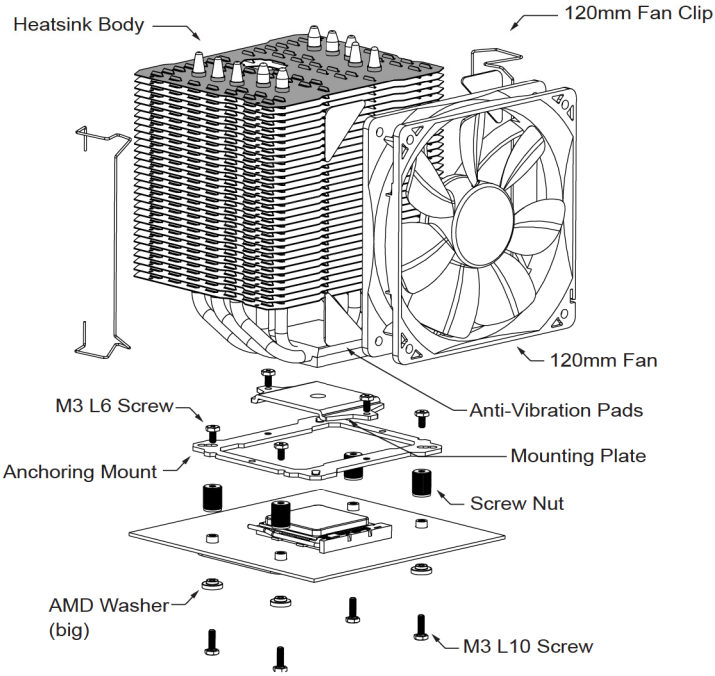
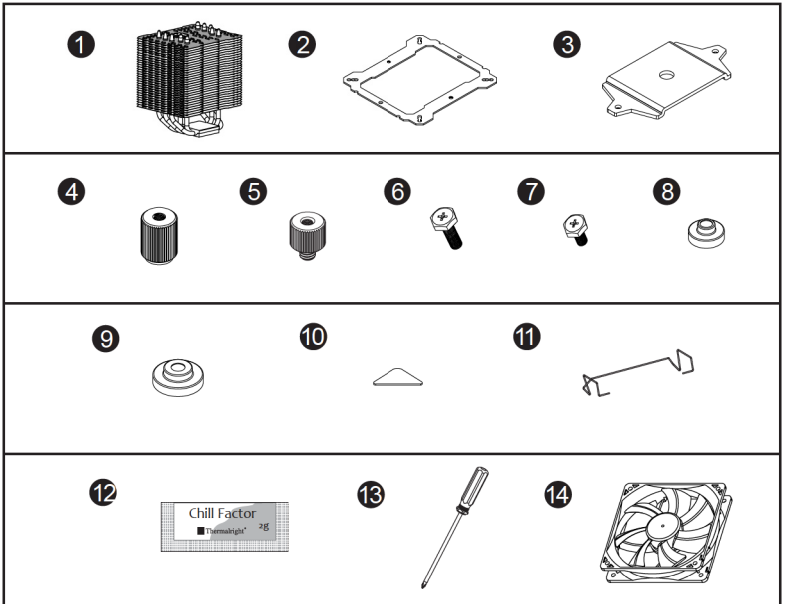


Component



1 Heatsink Body ×1	2 Anchoring Mount ×1	3 Mounting Plate ×1
4 Screw Nut ×4	5 LGA2011 Type B Screw Pillars x4	6 M3 L10 Screw ×5
7 M3 L6 Screw ×7	8 Intel Washer (small) ×4	9 AMD Washer (big) ×4
10 Anti-Vibration Pad ×4	11 120mm Fan Clip ×2	12 Thermal paste ×1
13 Screw driver ×1	14 120mm Fan ×1	

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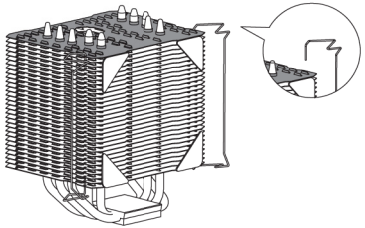

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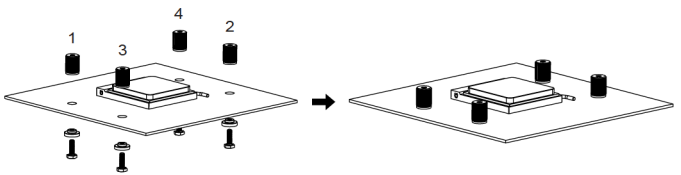

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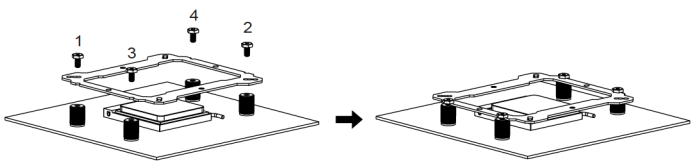

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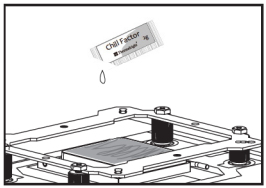

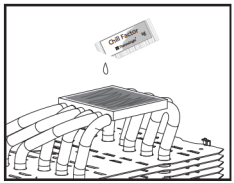

Step 4 : Applying Thermal Paste
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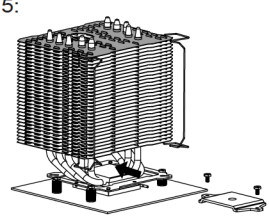
Step 5:



Step 5: Mounting Plate Installation
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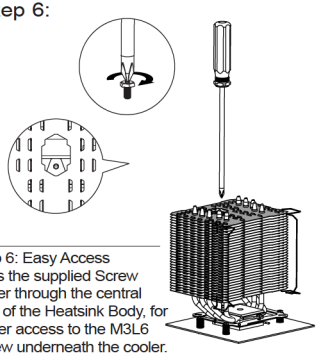
Step 6:



Step 6: Easy Access
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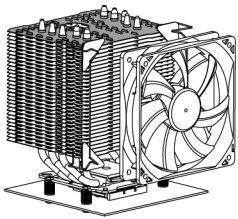
Step 7:



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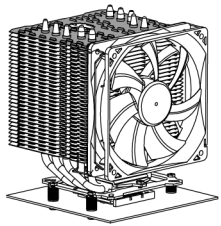
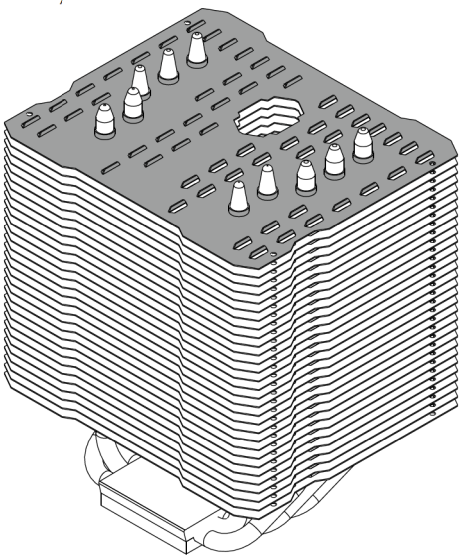


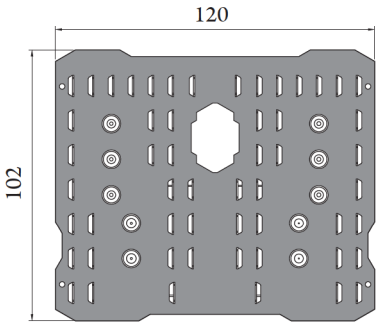
Step 8 : Installation completed
Plug in the fan connector to the CPU PWM Fan socket on the motherboard. Installation complete.

Technical Spec

Heatsink Specifications:
Dimension: Length 120mm x Width 102mm x Height 150.15mm
Weight: 634g (Heatsink only)
Heatpipe: 6mm heatpipe*5 units
Copper Base: C1100 Pure copper nickel plated

Fan Specification:
Dimension: L120mm x H120mm x W25mm
Weight: 100g
Fan speed: 600~1300RPM (PWM controlled)
Fan noise: 25.4dBA MAX (Test distance 1.0M)
Airflow: 46.19CFM MAX
Connector: 4 Pin (PWM Fan connector)

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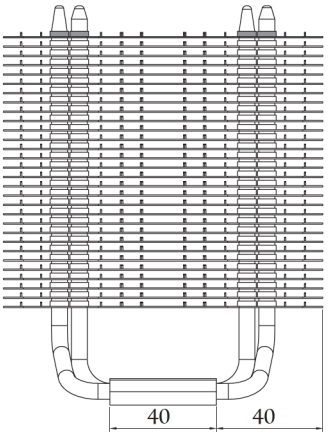
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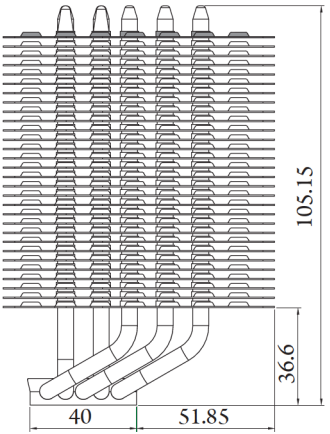
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