



Accelero Xtreme III

Welcome Guide



Dear Customer,

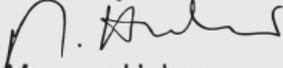
Thank you for choosing the Accelero Xtreme III.

The Xtreme III is an upgrade cooler with an unparalleled cooling/noise ratio, thus does not just offer superb GPU temperatures but everything at a low noise level. A complete set of VRM heatsinks and high performance thermal glue completes this solution.

I hope you enjoy this GPU cooler and we at ARCTIC look forward to further enriching your life with our products. If you would like to share how you use ARCTIC's products please do so at <https://www.facebook.com/ARCTIC.en>

ARCTIC is a fully carbon neutral company and your support helps us to compensate every kilogram of CO₂ we produce. Thank You.

Sincerely,


Magnus Huber
ARCTIC CEO

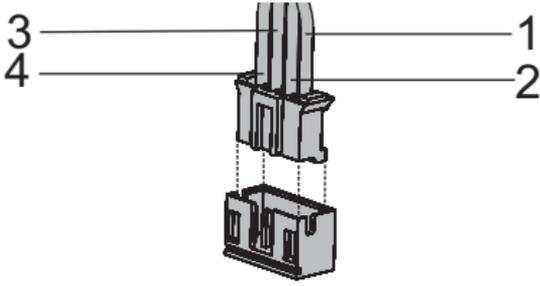
Accessories

(A) M2 Screws x 4 	(B) Washers x 4 	(C) VGA Bracket x 1 
(D) Spacers (2.5 mm) x 4 	(E) Spacers (3.5 mm) x 4 	(F) Insulation Tape (0.5cm x 10cm each) x 5 
(G) Spacers (4.5 mm) x 4 	(H) *Thermal Adhesive (3g) 	(I) 4-pin Fan Power Adapter x 1 
(J) Adhesive Tapes x 2 	(K) Thermal Pads x 3 	Heatsinks     (N) x 12 (O) x 5 (P) x 4 (Q) x 4
(L) EVA Foam x 1 	(M) GPU Back Plate x 1 	   (R) x 2 (S) x 1 (T) x 3

*Please use the thermal adhesive immediately once opened. You may purchase additional heatsinks and thermal adhesive at arctic.ac/AX3

Preparation

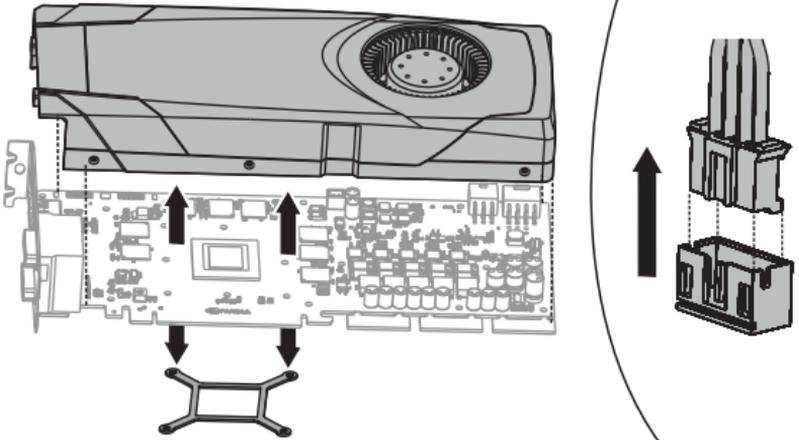
- 1 Please ensure that the fan connector pin assignment on your VGA board is in accordance with the following table.



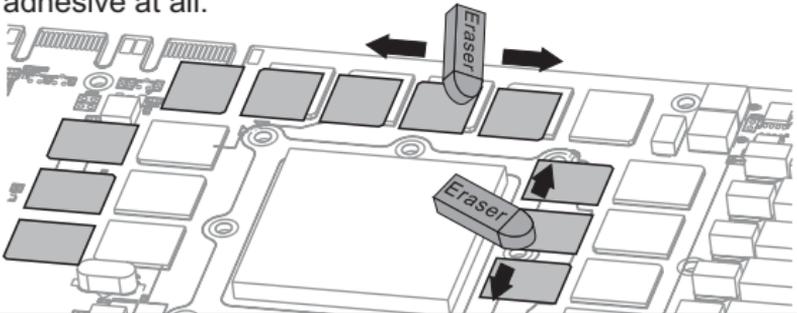
If your power socket does not come with 4 pins, please refer to the usage of 4-pin Fan Power Adapter at arctic.ac/4pins.

Main Cable Set		
Pin No.	Color	Description
Pin 1	Black	Ground
Pin 2	Red	VDC
Pin 3	Yellow	Signal
Pin 4	Blue	PWM

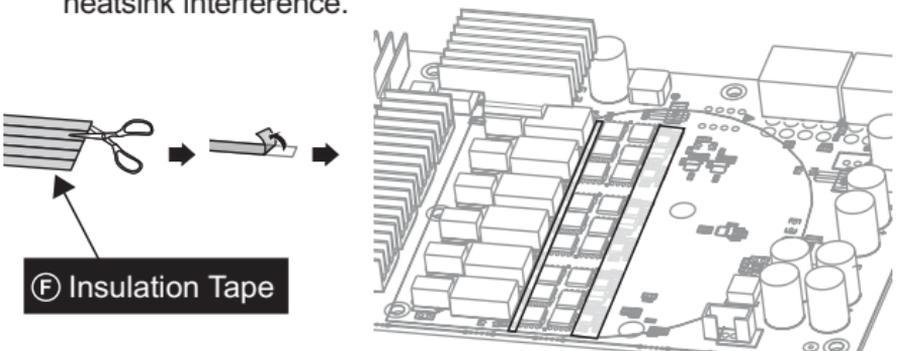
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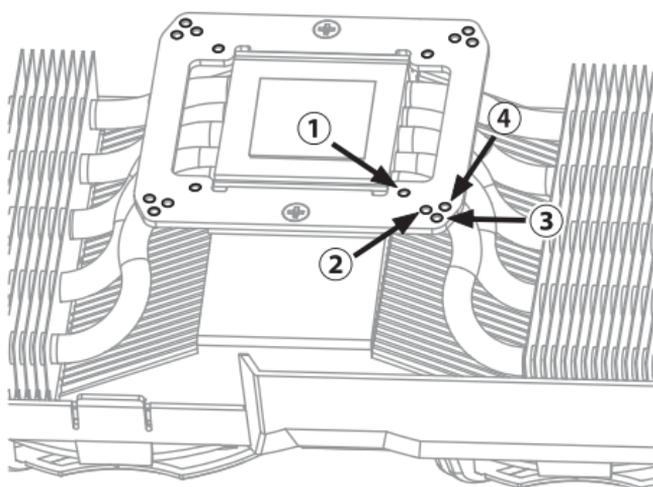
- 3 Not cleaning circuit components thoroughly with an eraser leads to **no adhesiveness** of the thermal adhesive at all.



- 4 Apply the insulation tape onto the circuit components in order to prevent short circuit caused by RAM and VR heatsink interference.



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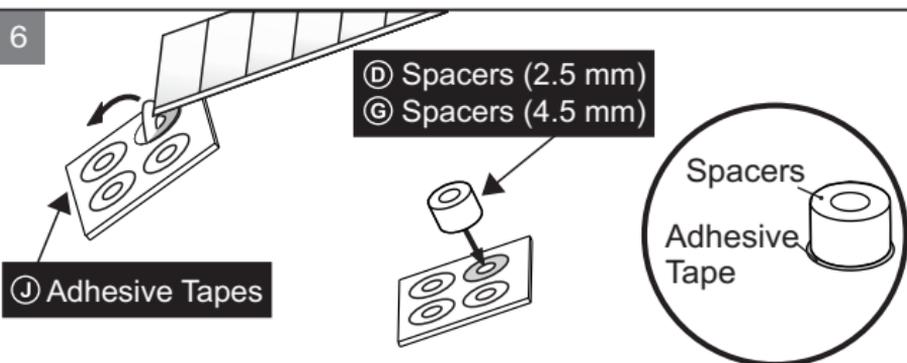
Choose the correct mounting hole size and spacers.

Mounting Hole	Appropriate Spacers	Compatible Models
① 43.2 mm x 43.2 mm	Ⓓ Spacers 2.5 mm	NVIDIA GeForce: GTX 740
② 53.2 mm x 53.2 mm	Ⓓ Spacers 2.5 mm	NVIDIA GeForce: GTS 450, 250, 240 AMD Radeon: R9 290(X), R9 285, 270(X), R7 265, HD8870, 8870, 7870(XT,GHz), 7850, 6970, 6950, 6870, 6850, 6790, 5870, 5850, 5830, 4890, 4870, 4850, 4830, 3870, 3850, 3690
③ 58.4 mm x 58.4 mm	Ⓓ Spacers 2.5 mm	NVIDIA GeForce: GTX 980, 970, Titan X, Titan (Black), 780 (Ti), 770, 760, 680, 670, 660 (Ti), 650 Ti boost
	Ⓔ Spacers 4.5 mm	NVIDIA GeForce: GTX 580, 570, 480, 470, 465
④ 51.0 mm x 61.0 mm	Ⓔ Spacers 4.5 mm	NVIDIA GeForce: GTX 560 (Ti,SE), 550 Ti, 460 (SE)

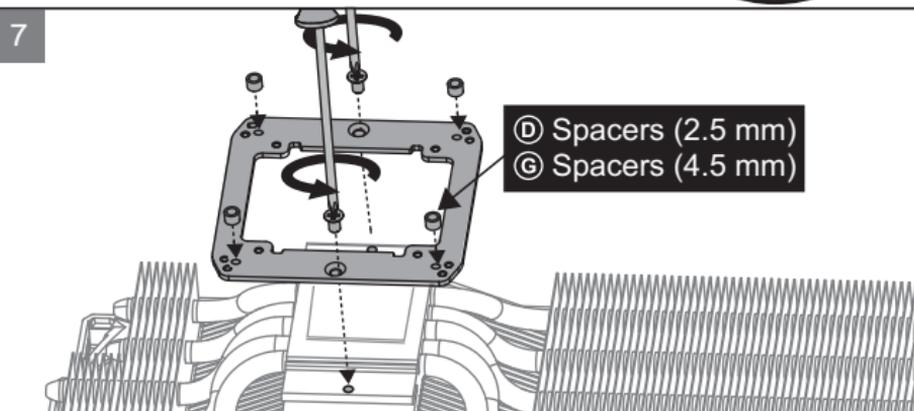
Note: This table is for reference only. Please refer to your actual VGA card holes' position during installation. Updated information is available at arctic.ac/AX3

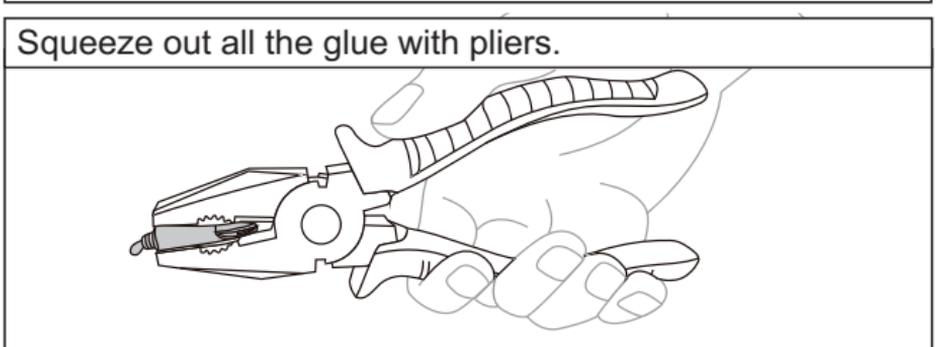
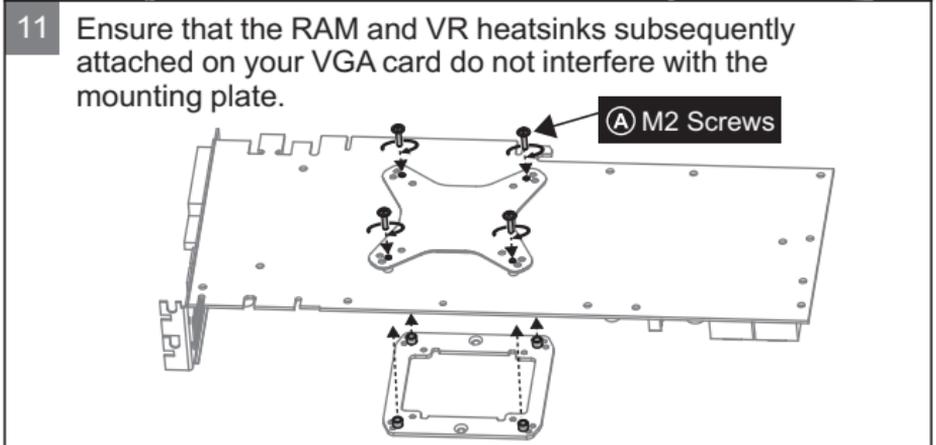
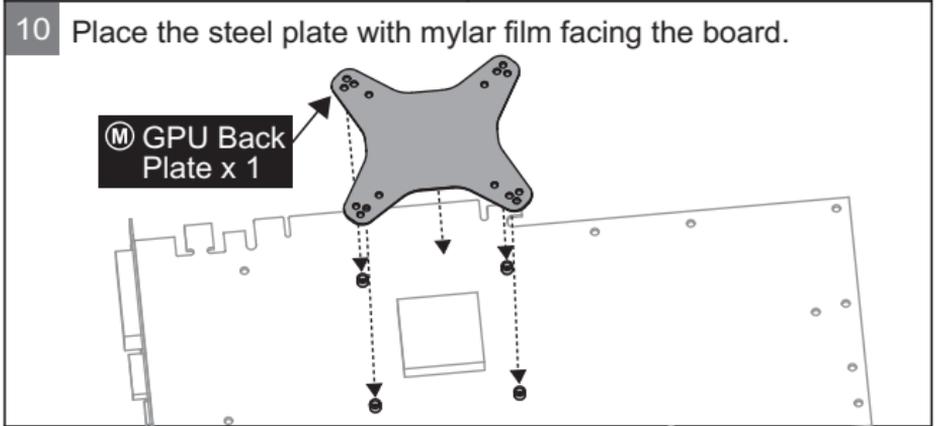
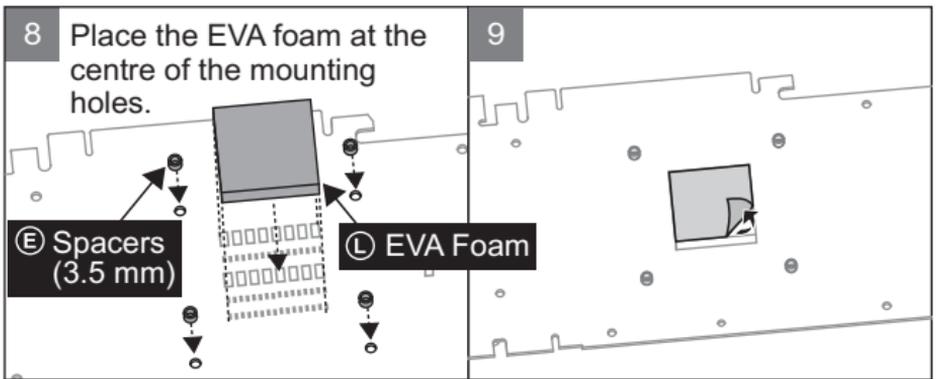
*Please ensure your graphic card does not come with a stacked power socket.

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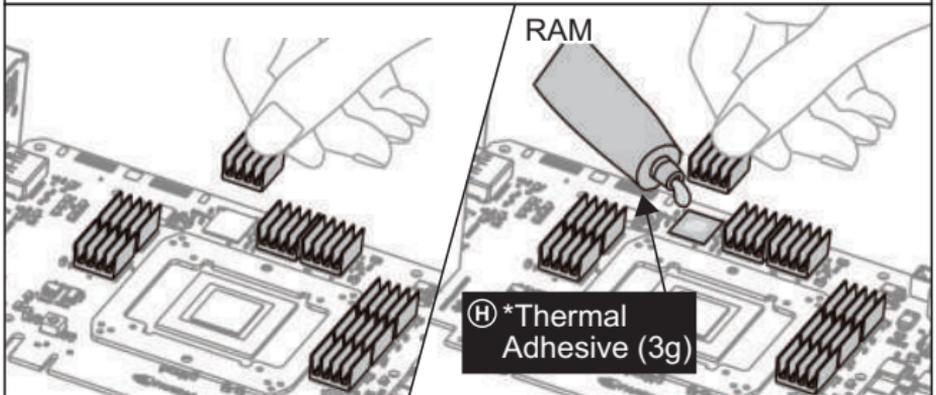
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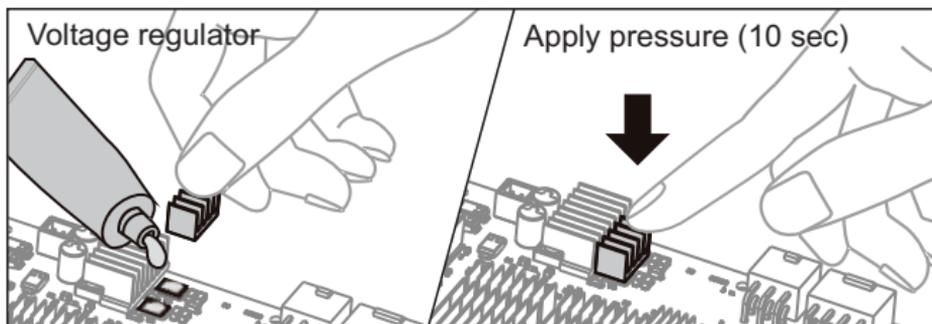




Tips of Applying Thermal Adhesive

Since the thermal adhesive can be applied once only, fit the cooler to the card with the heatsinks accurately positioned before you apply the thermal adhesive.





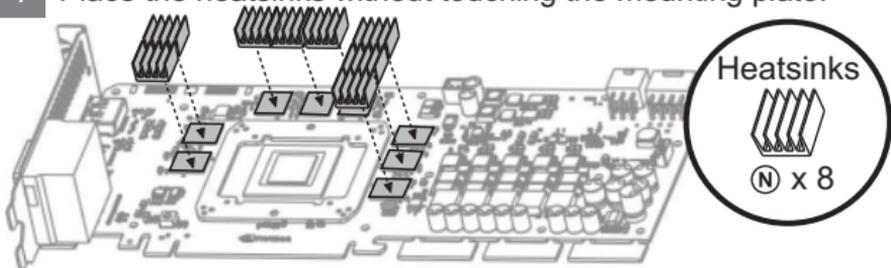
Cure time



Caution: Please ensure that the heatsinks are not in contact with any circuit component as it may cause a short circuit to your VGA card.

Sample installation on GTX 680

- 1 Place the heatsinks without touching the mounting plate.



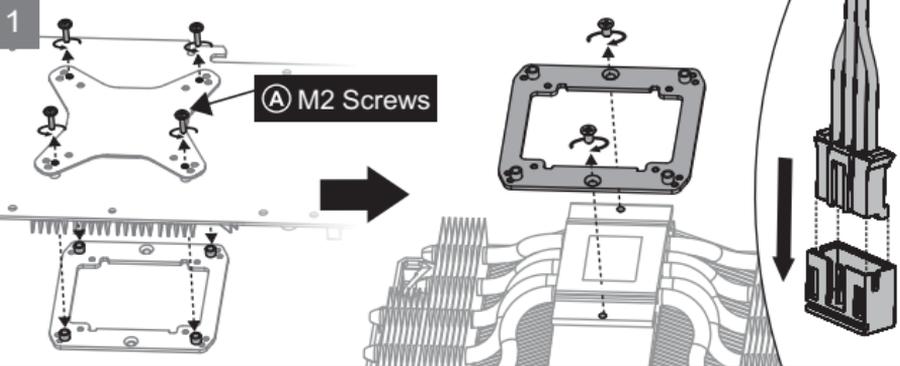
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- 3
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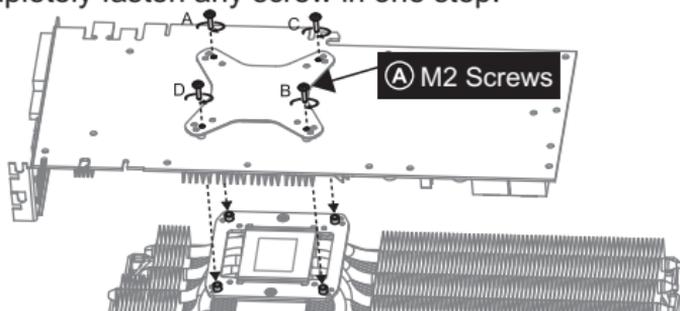
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- 5
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Installation of the main cooler

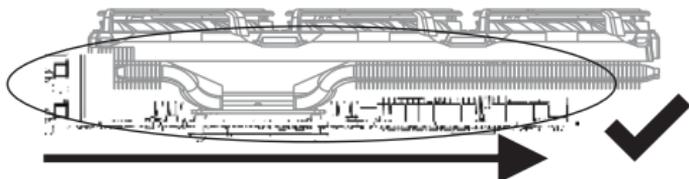


- 2 Secure this cooler onto the VGA card by partially fastening each screw from A to B to C to D with two clockwise rotations. Repeat this until you have tightened all screws. Do not completely fasten any screw in one step.

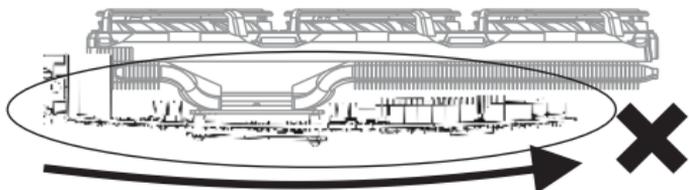


- 3 Check the pressure between the cooler's copper base and the GPU. The VGA card should remain flat as shown in **A**. Perform step 4 only if the VGA card is slightly bent as in **B**.

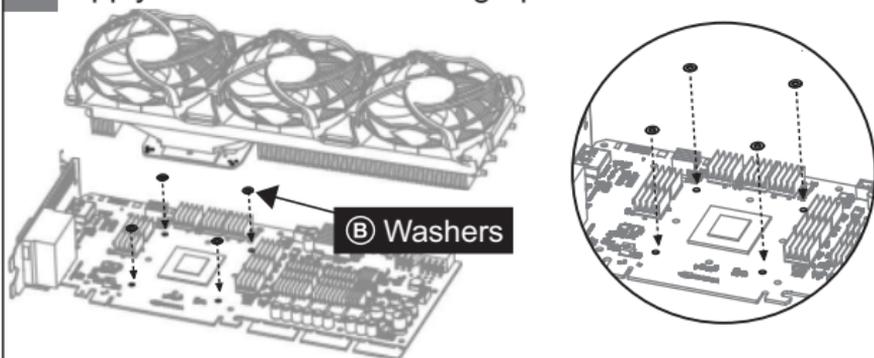
example A



example B



- 4 Apply the washers onto the graphic card.



Thermal Compound

If the cooler has to be installed a second time, we highly recommend using the MX-4 thermal compound from ARCTIC. Only this compound guarantees optimal performance in combination with the surface of our heatsinks.

Warranty

This ARCTIC product includes a six-year limited warranty. For further information, please consult warranty.arctic.ac



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