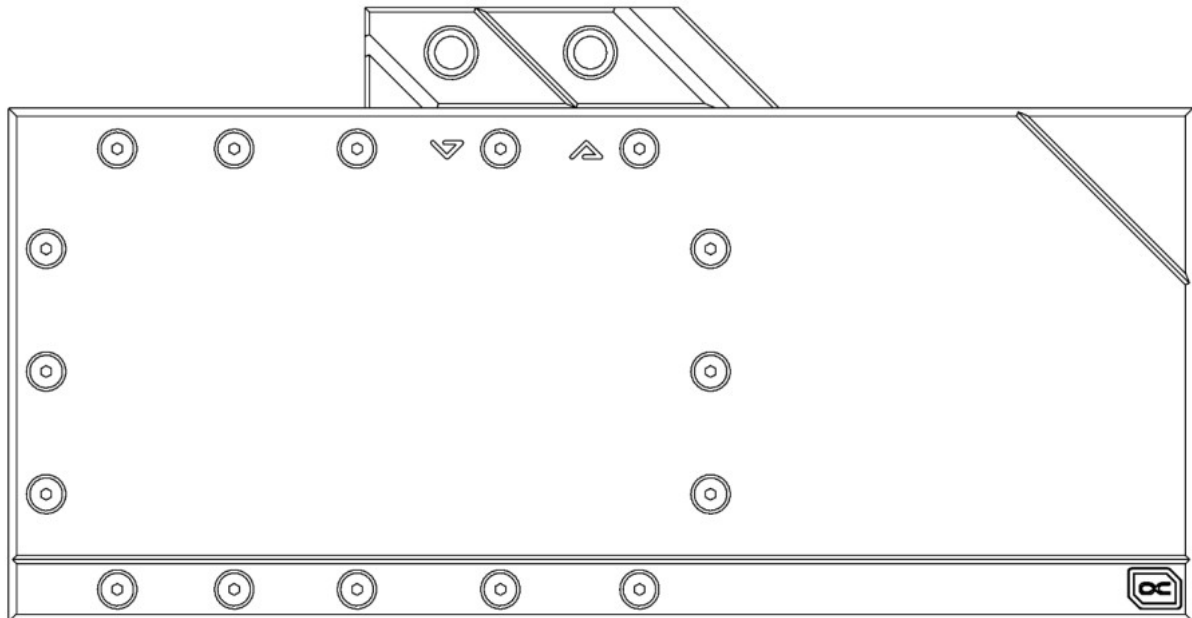


ALPHA CORE RTX-N 3090 Eisblock Aurora TI FTW3 ultra INCL. BACKPLATE Instruction Manual

[Home](#) » [ALPHA CORE](#) » ALPHA CORE RTX-N 3090 Eisblock Aurora TI FTW3 ultra INCL. BACKPLATE Instruction Manual 



RTX-N 3090 Eisblock Aurora TI FTW3 ultra INCL. BACKPLATE Instruction Manual



Read the safety instructions before starting the installation.





















<https://www.alphacool.com/download/SAFETY%20INSTRUCTIONS.pdf>

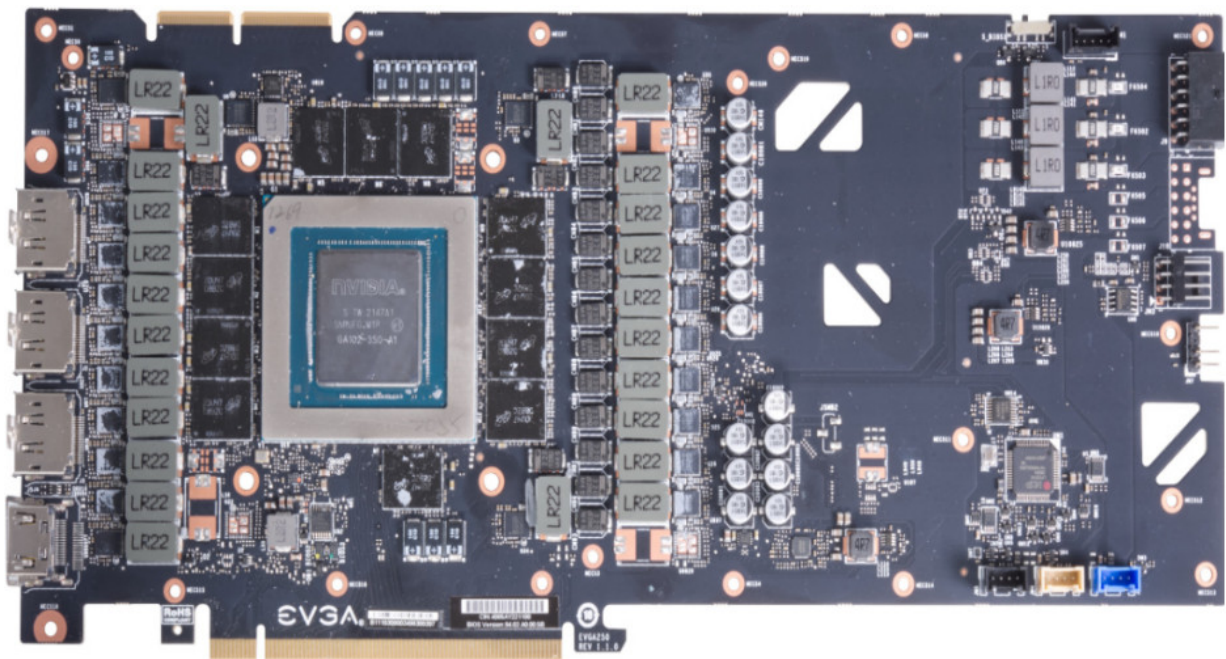
Contents

- 1 Accessories
- 2 Compatability check
- 3 Mounting the IO shield
- 4 Applying thermal paste
- 5 Connecting the LED
- 6 Documents / Resources
 - 6.1 References
- 7 Related Posts

Accessories

				
4x 8x105x1mm	2x 15x51x1mm	1x 15x40x1mm	1x 15x15x1mm	1x 30x30x2mm
				
2x 8x100x3mm	2x 15x51x3mm	1x 15x40x3mm	1x 15x15x3mm	
				
8x M2x5 screws	8x M2 washers	1x Thermal grease	8x M2x11 screws	1x digital-RGB adapter
				
1x plug tool	2x screw plugs	2x M3x5 screws	2x M3 nuts	

Compatability check



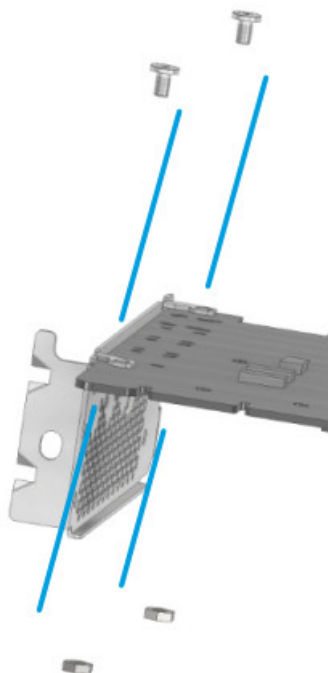
Before starting the cooler assembly, compare your card with the pictures in our configurator. To do so, visit <https://www.hwconfig.com> and search for your graphics card or cooler model. For a definitive identification, you can also compare the PCB number. The cooler was designed for a special PCB layout. Occasionally, graphics card manufacturers may revise the design of their card slightly, causing the cooler not to fit on later models. During assembly, please make sure taller parts have enough space around them and that the cooler does not damage your graphics card.

Alpha cool International GmbH is not liable for assembly errors occurring due to negligence, such as selecting an incompatible cooler.

Prepare graphics card

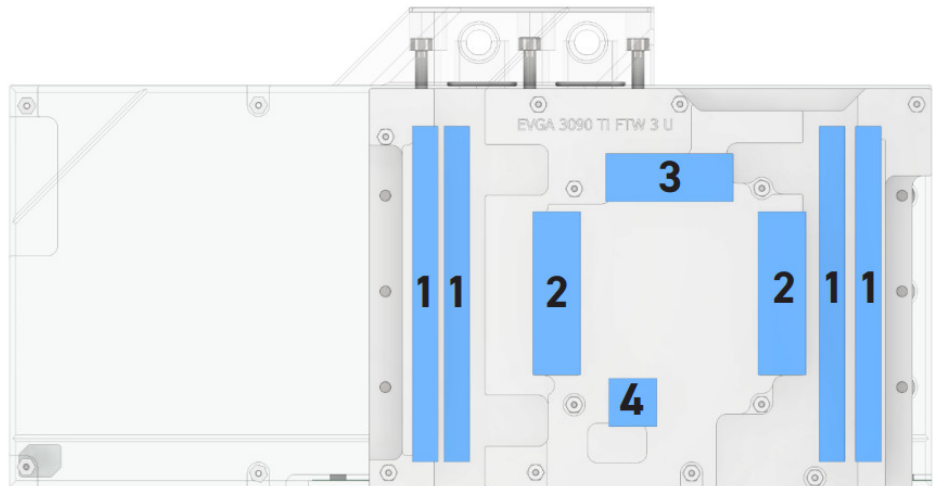
Put the hardware on an antistatic mat. Begin dismantling the original cooler. Depending on the structure of the cooler, remove the screws at the back of the card and carefully unhook the fan connector first. If the original cooler uses thermal glue, extreme care should be taken as you can easily damage parts. Pick up all the items carefully. Next, clean the hardware of thermal paste or pad residues with a solvent (e.g. isopropanol alcohol).

Mounting the IO shield



Attach the slot cover as shown using the 2 M3x5 screws and M3 nuts.

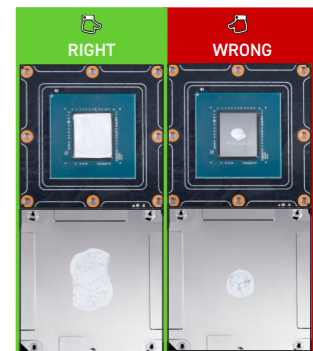
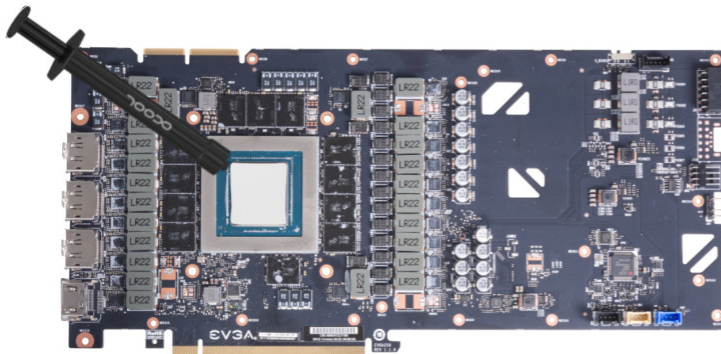
Mounting the front pads



Clean the contact surfaces on the bottom side of the cooler with alcohol or similar. The surface must be free of contaminants.

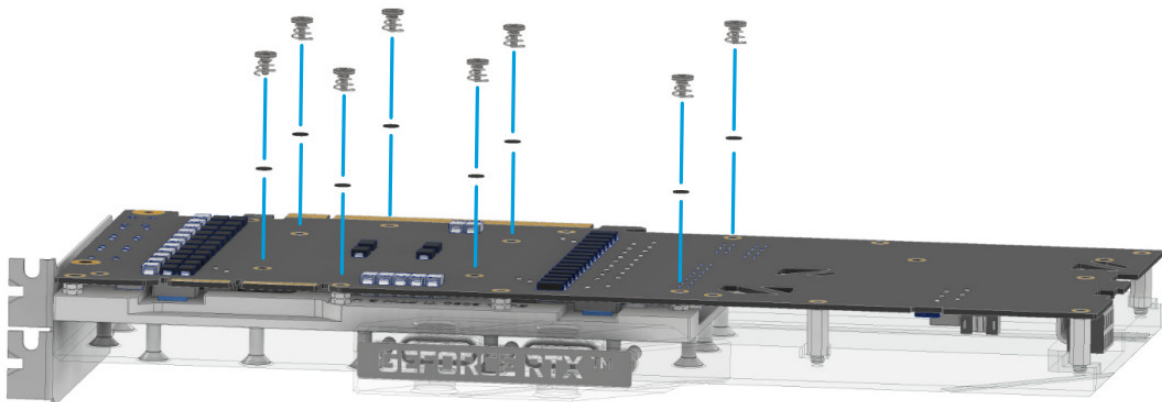
Remove the protective foils from the thermal pads and place the pads on the copper block as shown.

Applying thermal paste



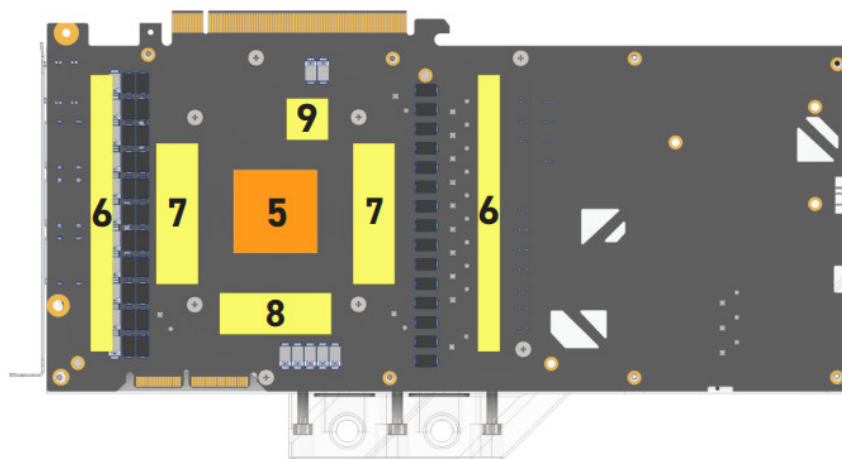
With the help of a plastic strip or similar spread a thin layer of thermal paste on the GPU. The layer should be less than a millimeter thick, otherwise the surrounding components may be contaminated.

Mounting the graphics card



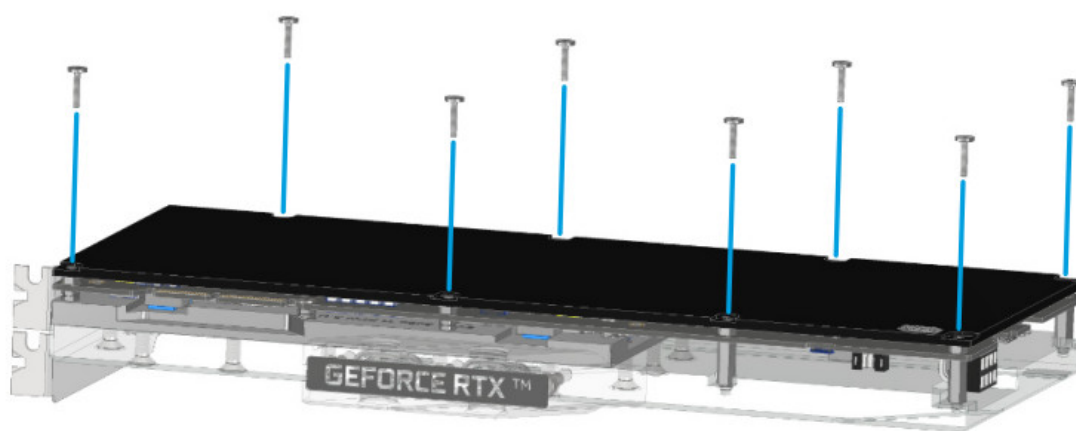
Place the graphics card on the prepared cooler. Fasten the card as shown with the 8 M2x5 screws with M2 washers. Hand-tighten the screws crosswise, one turn at a time.

Mounting the backpads



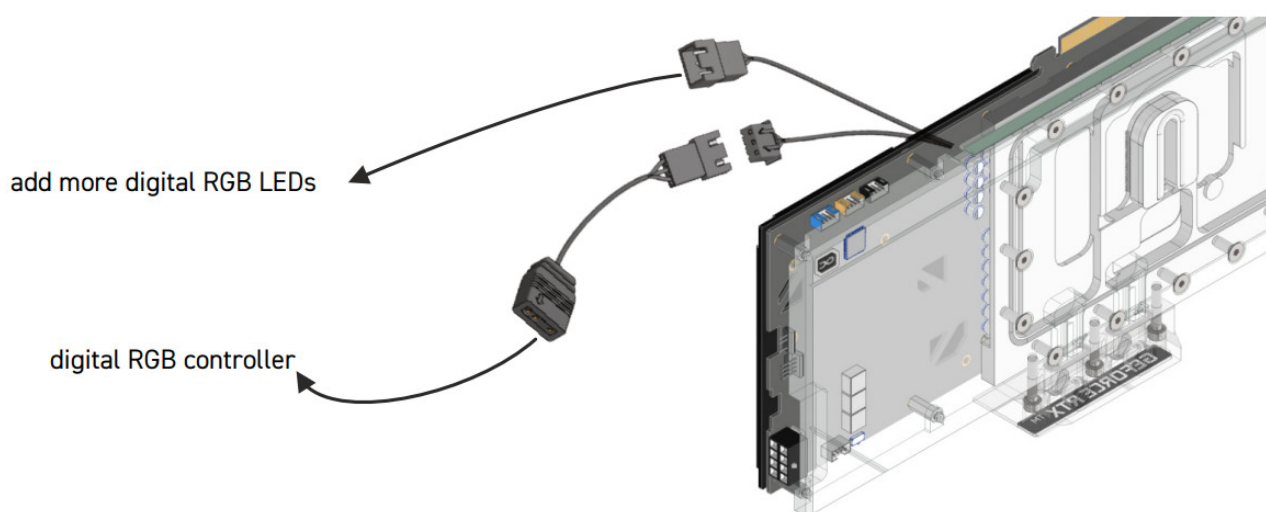
Remove the protective foils from the thermal pads and place the pads on the PCB as shown.

Mounting the backplate

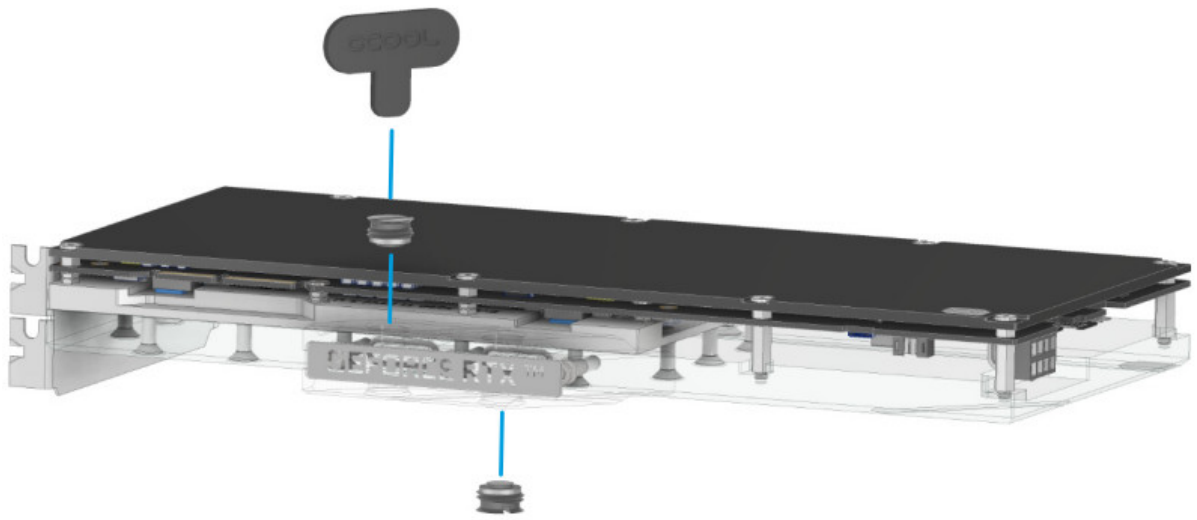


Put the backplate on and screw it together with the 8 M2x11 screws as shown.

Connecting the LED



To control the digital – RGB lighting, connect the included adapter to the 3 – pin female connector and plug it to a digital – RGB controller (e.g. Alpha cool Aurora Eiscontrol, Art.: 15360, not included). You can connect additional digital RGB LEDs to the remaining 3 – pin male connector.



Close the inlets which you do not need for tubing. Screw in the screw plugs with the enclosed tool.



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Documents / Resources

	<p>ALPHA CORE RTX-N 3090 Eisblock Aurora TI FTW3 ultra INCL. BACKPLATE [pdf] Instruction Manual</p> <p>RTX-N 3090, Eisblock Aurora TI FTW3 ultra INCL. BACKPLATE, RTX-N 3090 Eisblock Aurora TI FTW3 ultra INCL. BACKPLATE, Aurora TI FTW3 ultra INCL. BACKPLATE, TI FTW3 ultra INCL. BACKPLATE, ultra INCL. BACKPLATE, BACKPLATE</p>
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References

- [HWConfig - German](#)
- [Alphacool International GmbH - Wasserkühlungs Spezialist!](#)
- [HWConfig - German](#)