

Thank you for purchasing a graphics card water block manufactured by Aqua Computer. The kryographics NEXT for RTX 3080 / RTX 3090 Strix has been specifically designed for ASUS ROG Strix graphics cards. The kryographics NEXT for RTX 3080 / RTX 3090 Strix effectively cools the RAM, voltage regulators and GPU of your graphics card. RAM on the backside of 3090 graphics card is not cooled directly, we strongly recommend to install an additional back plate (not included in delivery). The base part of the water block is manufactured from pure copper for outstanding performance and durability.

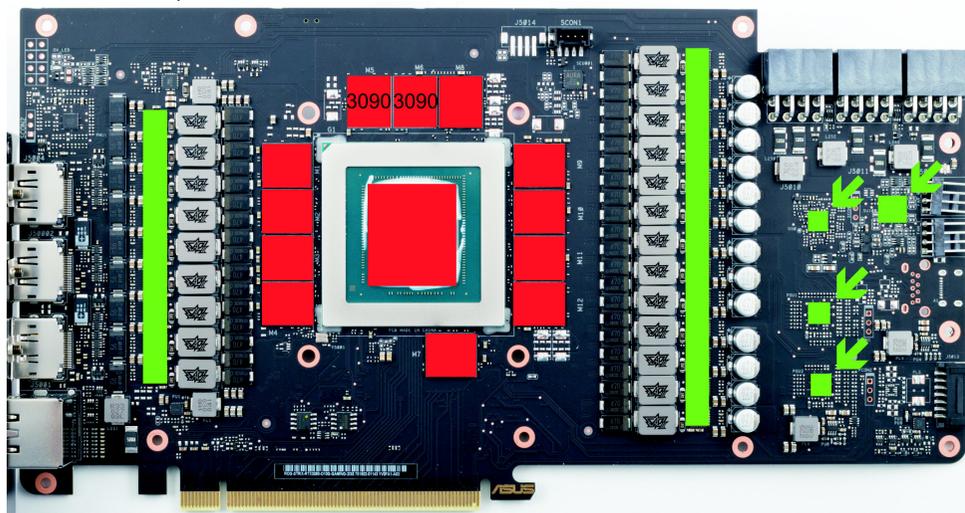
## Installation

### Step 1:

Remove the originally installed air cooling unit from the graphics card. Use extreme caution not to damage any of the highly sensitive components of the graphics card! While lifting the air cooling unit off the graphics card, the electrical connector has to be disconnected.

### Step 2:

Remove all thermally conductive pads from the graphics card and clean all surfaces with direct contact to the cooling unit from remaining thermal compounds using benzine if necessary.



Apply a thin layer of thermal compound to the GPU and the RAM modules (ten RAM modules for 3080, twelve for 3090). These components are marked red in the figure. Place the pre-cut thermally conductive pads with the kryographics on top of the components as indicated by green rectangles.

### Step 3:

Attach the kryographics NEXT for RTX 3080 / RTX 3090 Strix to the graphics card. To do so, at first carefully and evenly screw in the four screws adjacent to the GPU, afterwards the remaining screws (thirteen screws M2,5x4 mm).

### Step 4:

Carefully check that the water block has level contact to all relevant components of the graphics card. Do not power on the graphics card or the PC if the cooler does not perfectly fit the graphics card! In this case, disassemble and repeat the mounting procedure.

### Step 5:

Insert the graphics card to your PC and integrate the water block into your cooling system. Be sure not to connect any water blocks in parallel but only consecutively. A detailed instruction on building a water cooling system and plug&cool connectors as well can be found in the support/download section of our website [www.aqua-computer.de](http://www.aqua-computer.de).

### Step 6:

Optional: Connect the integrated RGBpx illumination module to a compatible RGBpx output of an Aqua Computer device. A suitable cable is included in delivery. RGBpx input and output connector are not marked on the kryographics - if the RGBpx illumination does not light up, use the other connector. If required, additional RGBpx components can be connected to the adjacent connector (daisy chain).

### Step 7:

Put the water cooling system into operation, but do not connect any other PC components to the mains supply! Check the water block as well as the fittings for leakages and do not put your PC into operation unless you can definitively eliminate the possibility of coolant leaking from the system! If any component has been in contact with coolant, do not put it into operation before it is completely dry again! For operating the graphics card, the water block must be correctly mounted and be connected to a water cooling system featuring adequate cooling performance! For corrosion inhibition, Double Protect Ultra must be used as coolant!

## ATTENTION:

Disregarding the instructions may lead to severe damages! Aqua Computer GmbH & Co. KG cannot be held liable for damages or injuries resulting from improper installation or use of the product!

Thank you again for choosing an aqua computer product.