

Manual A2000 - bartxstore.com / Mining Waterblocks

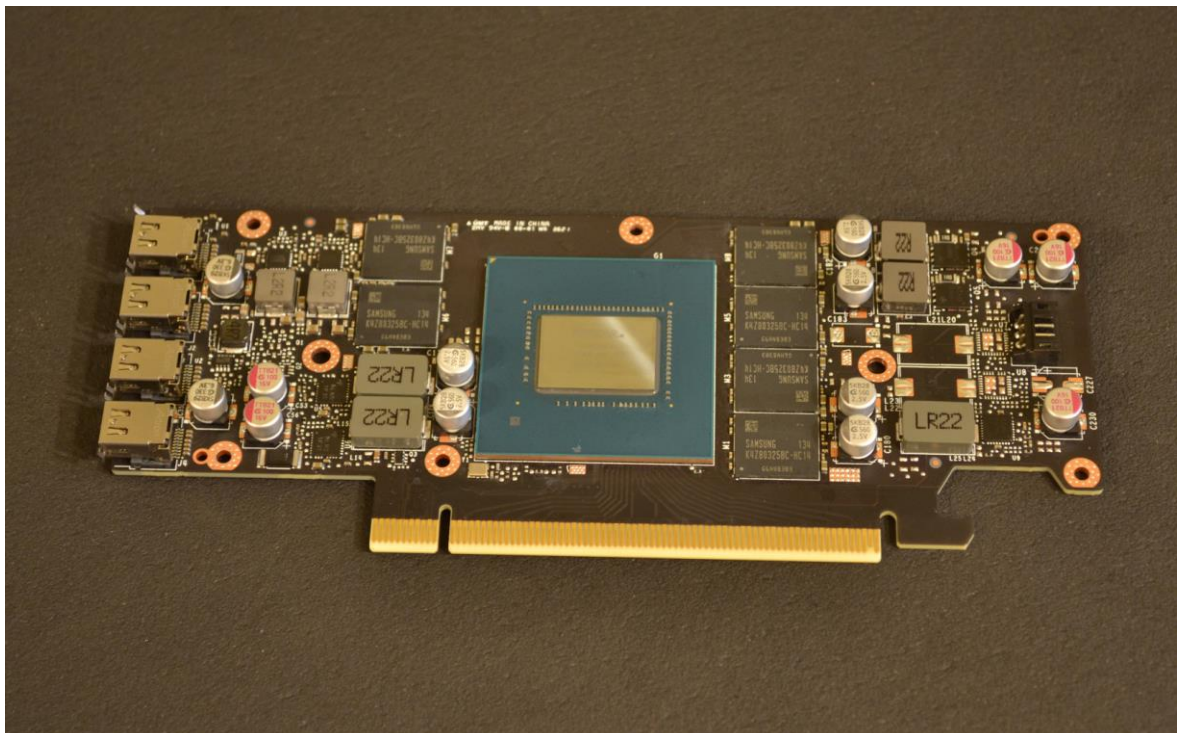
NOTE: Powering up the card when it is not connected to the water cooling system or without working pump will damage the card.

Fittings are not included.

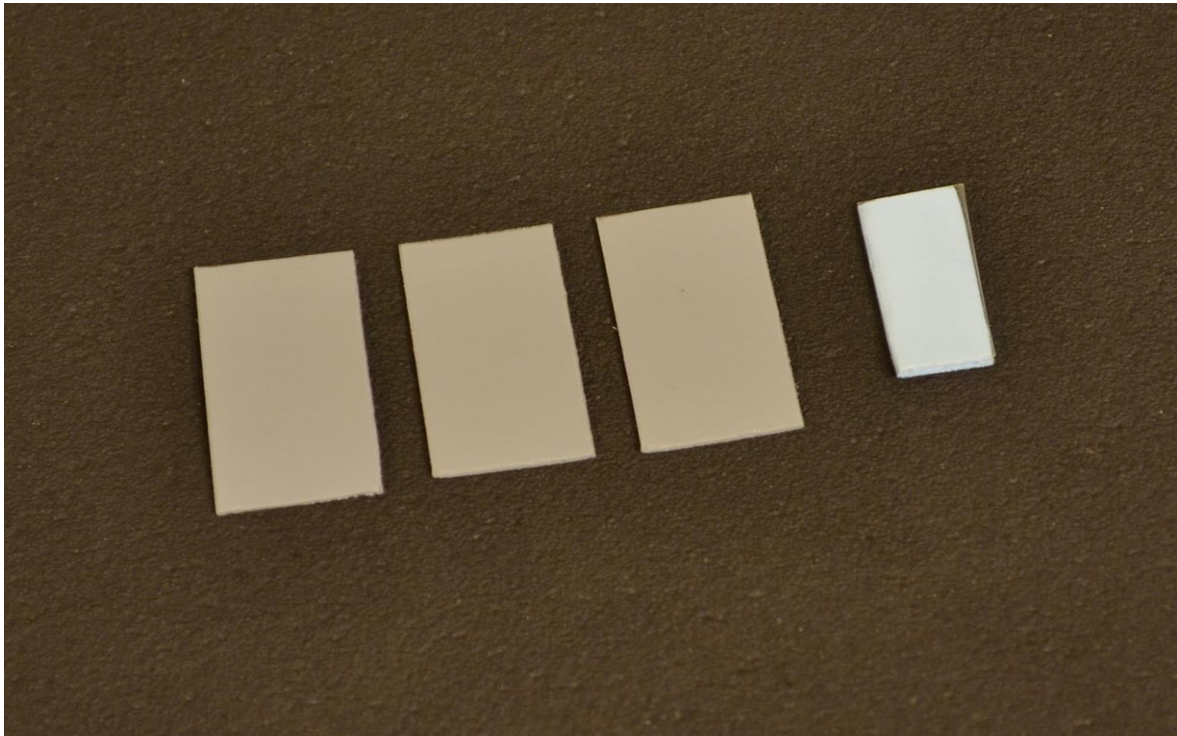
We're not responsible for cards damage due to improper installation or usage.

1. Remove the original cooler and PCI bracket, clean the card from the old thermal grease, degrease the surfaces with isopropyl alcohol / extraction gasoline. Card ready for block assembly should look like in the picture below.

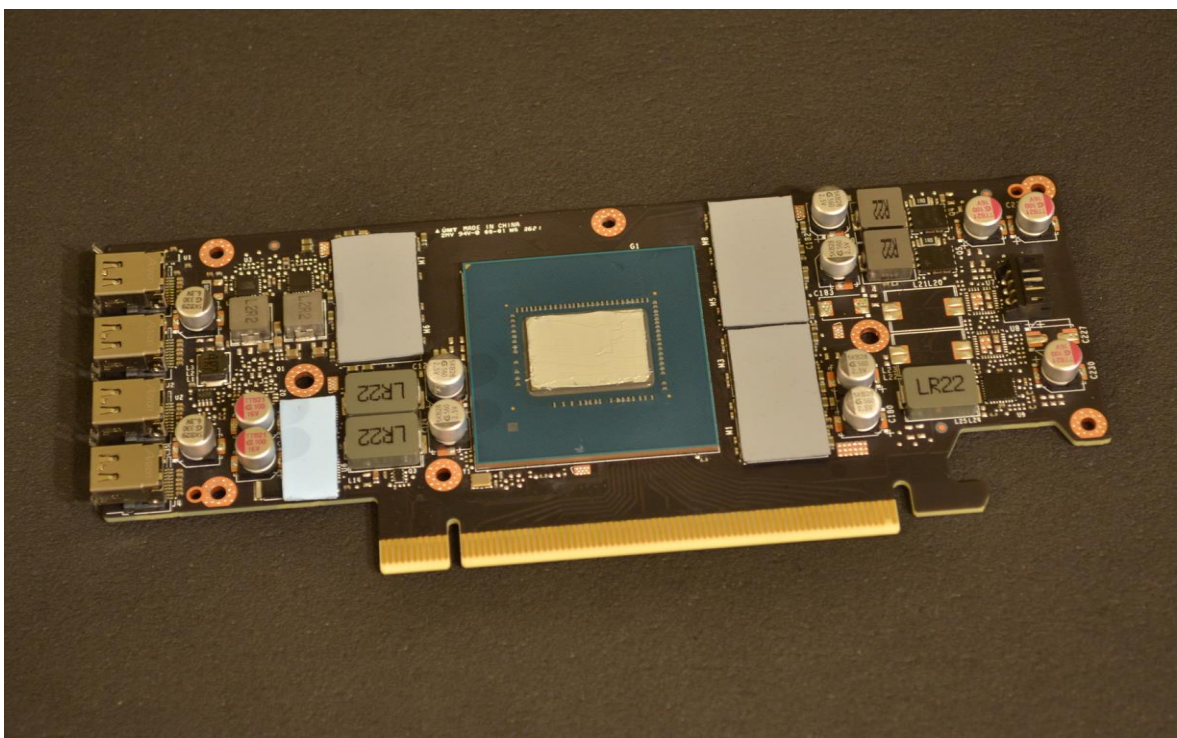
To remove the original cooling, you need Torx T6 (card cooling) and T8 (PCI bracket).



2. Prepare the thermopads, remove the protective foil on both sides before installation:
 - 3 pieces 25x14mm x 0.5mm - memory
 - 1 piece 9x19mm x 1mm - GPU VRM

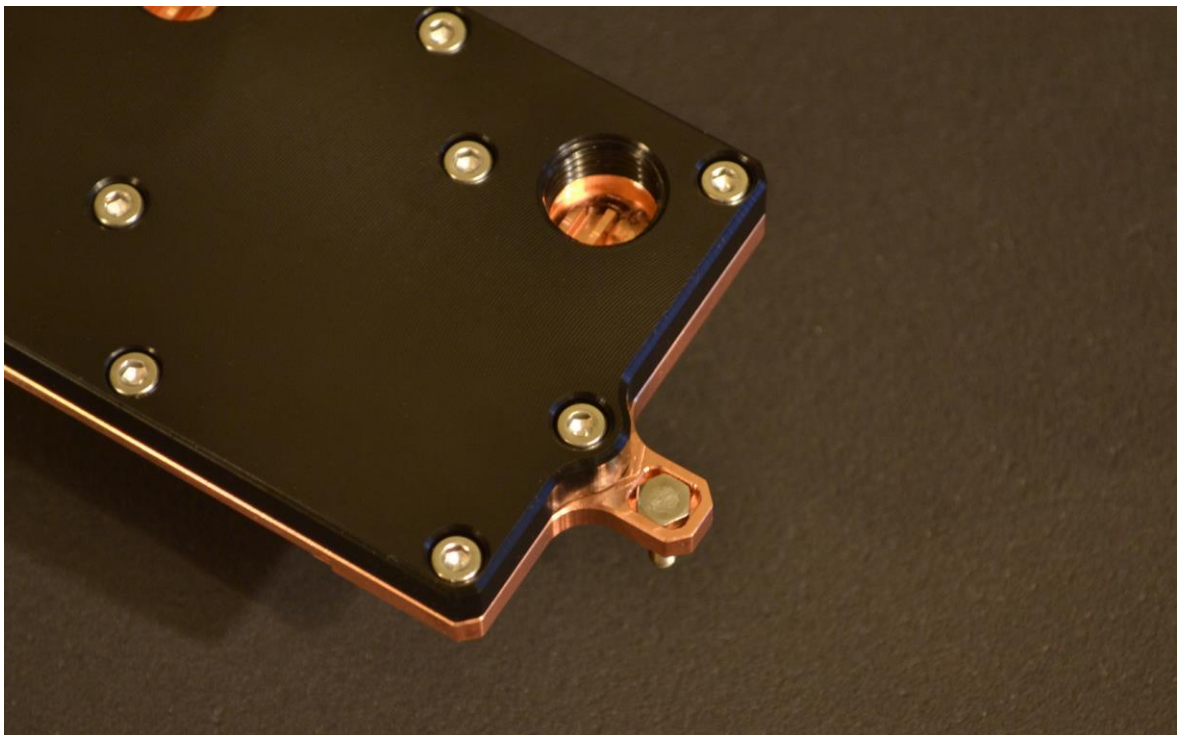


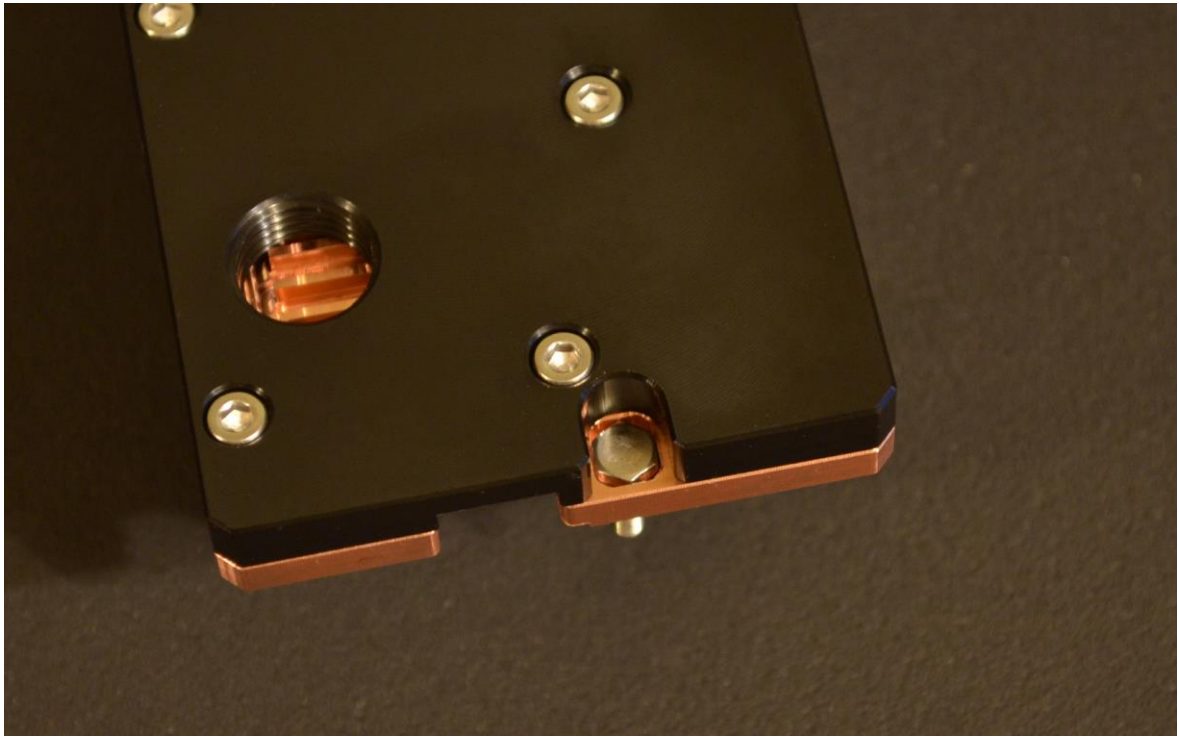
3. Place the thermopads as pictured, use thermal paste on GPU. It's important, that GPU VRM thermopad cannot be too close to the mounting hole, if it goes under the plastic spacer it can lift the whole block and will cause a bad pressure and high temperatures.



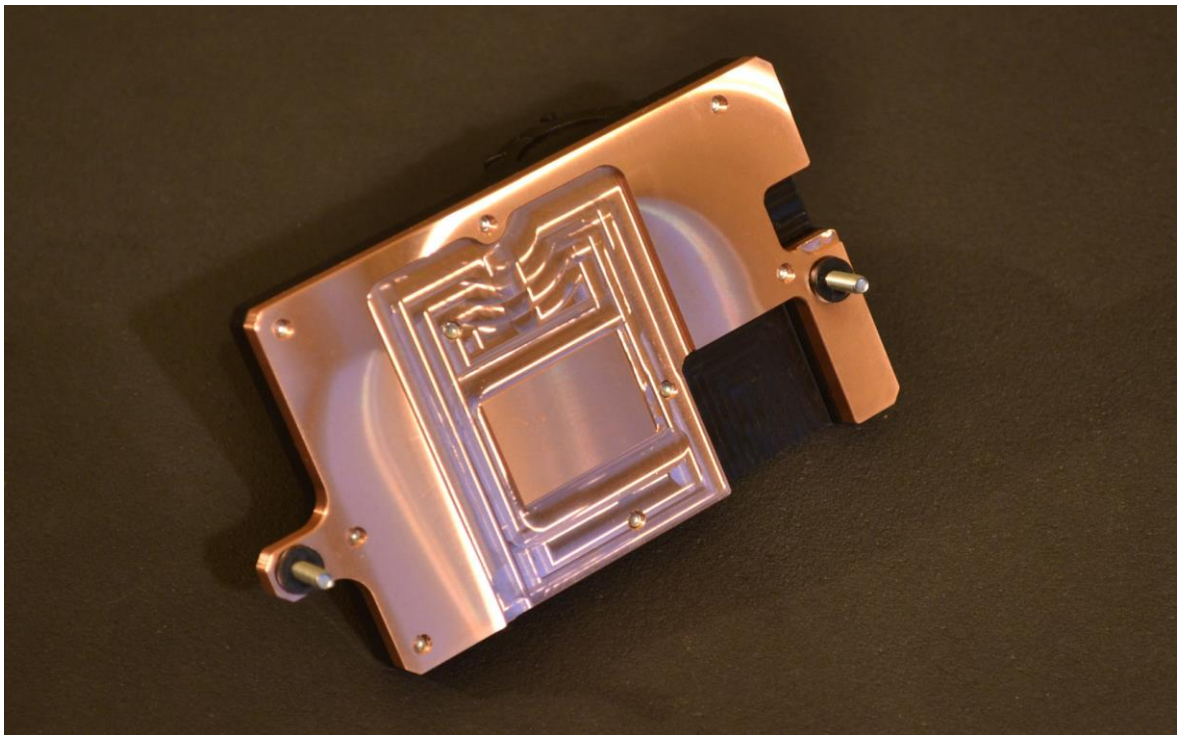


4. Place the mounting screws in the holes as pictured

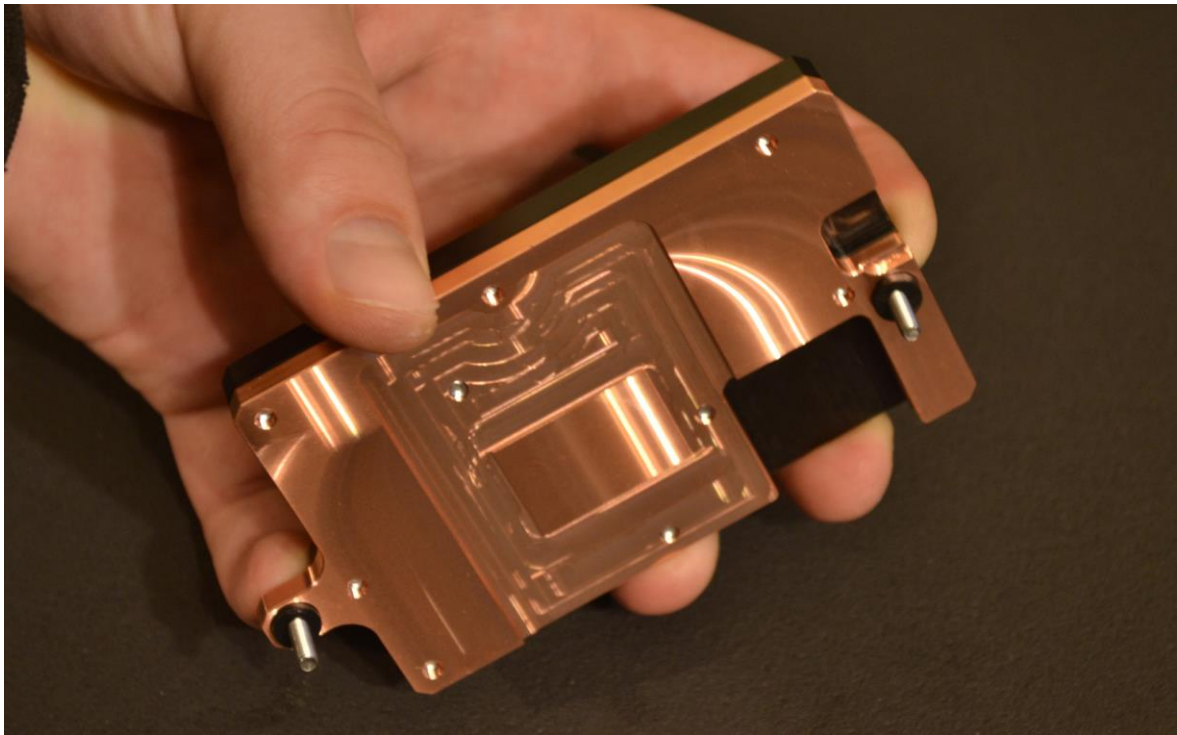
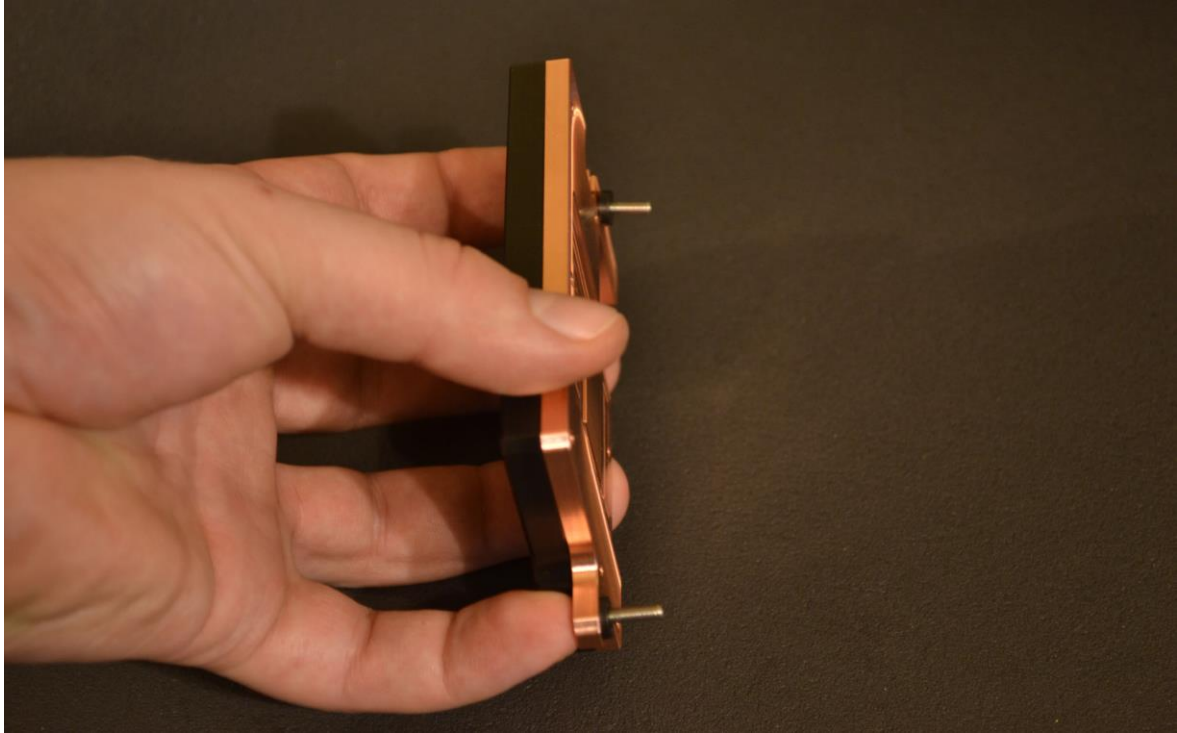


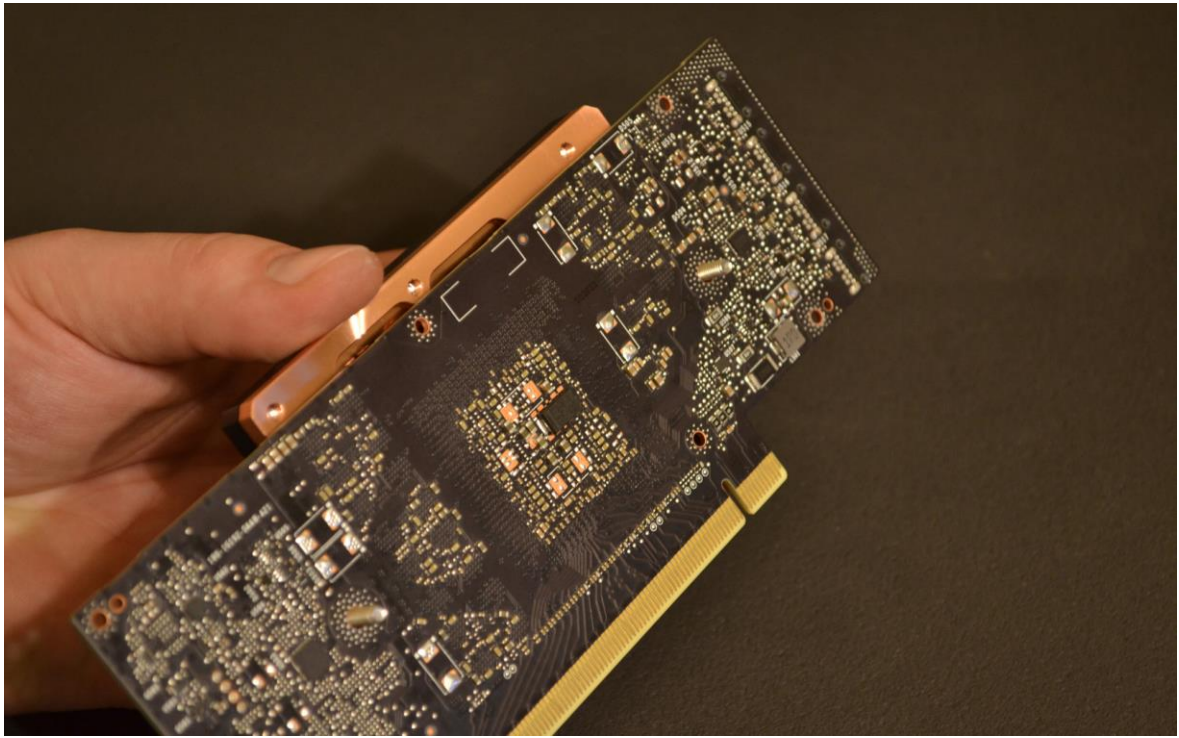


5. Place the plastic spacers on the back of the block as pictured

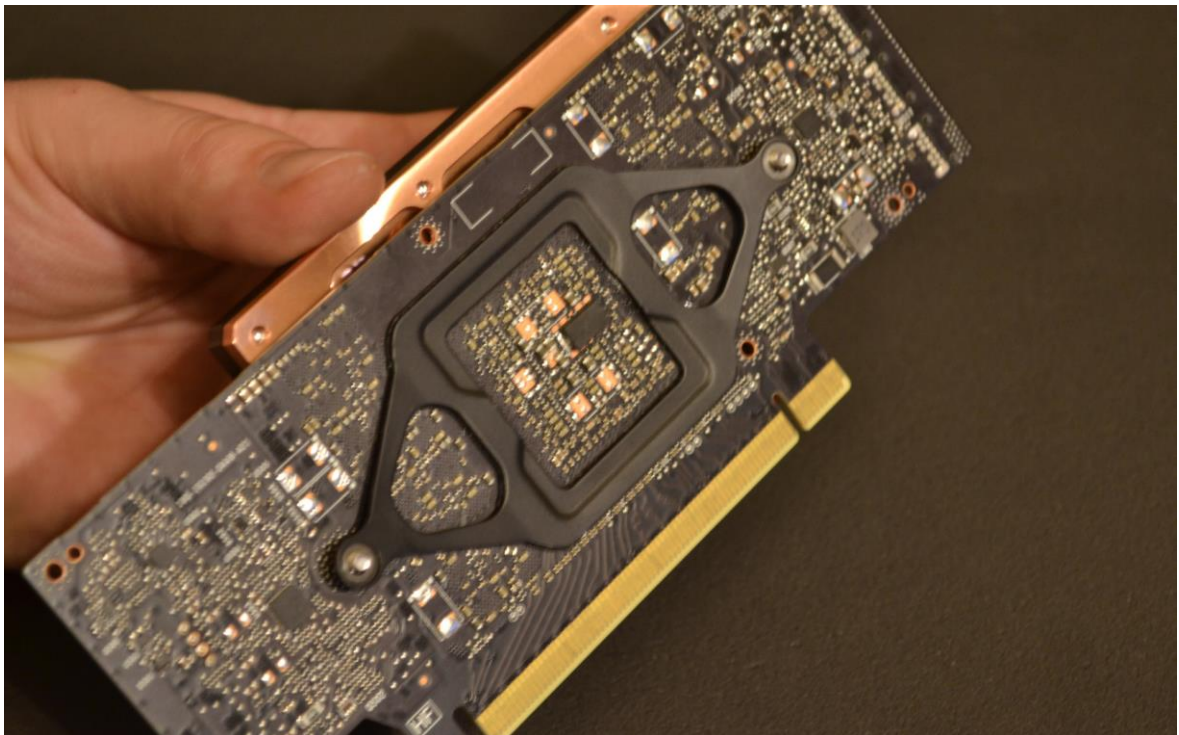


6. Hold the screws using your fingers and place the block on the card, watch out for plastic spacers – they can fell off

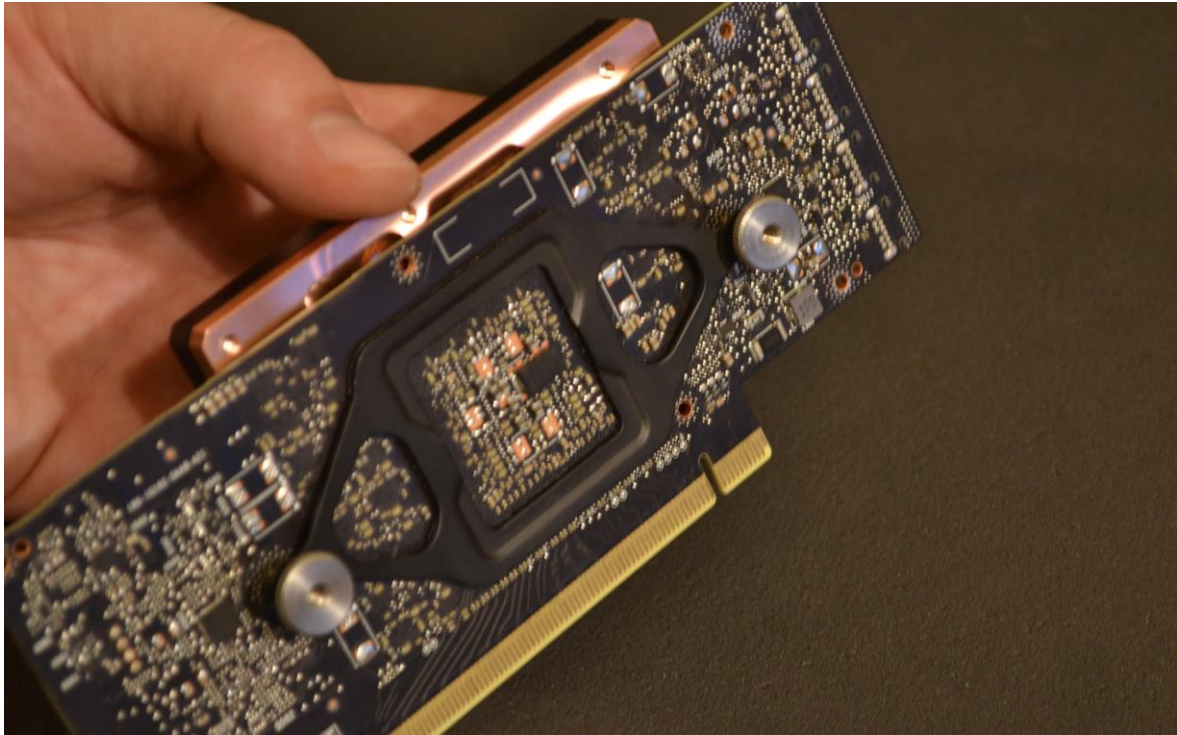




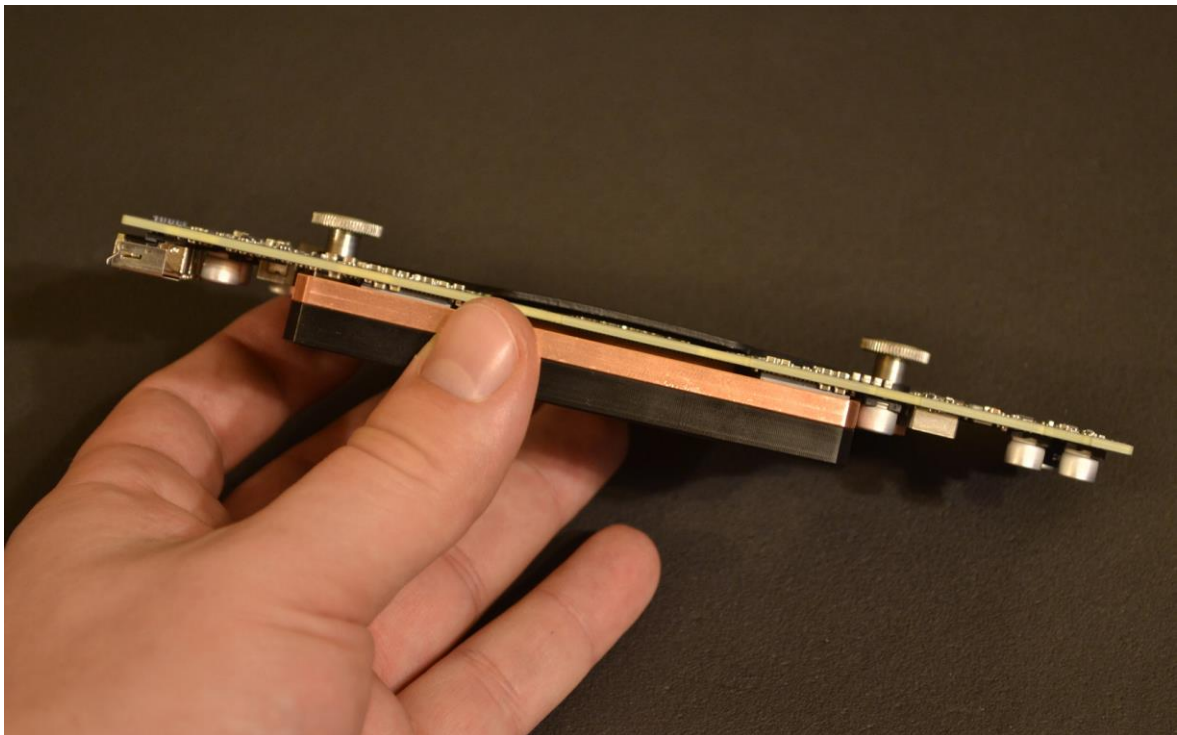
7. Install the backplate

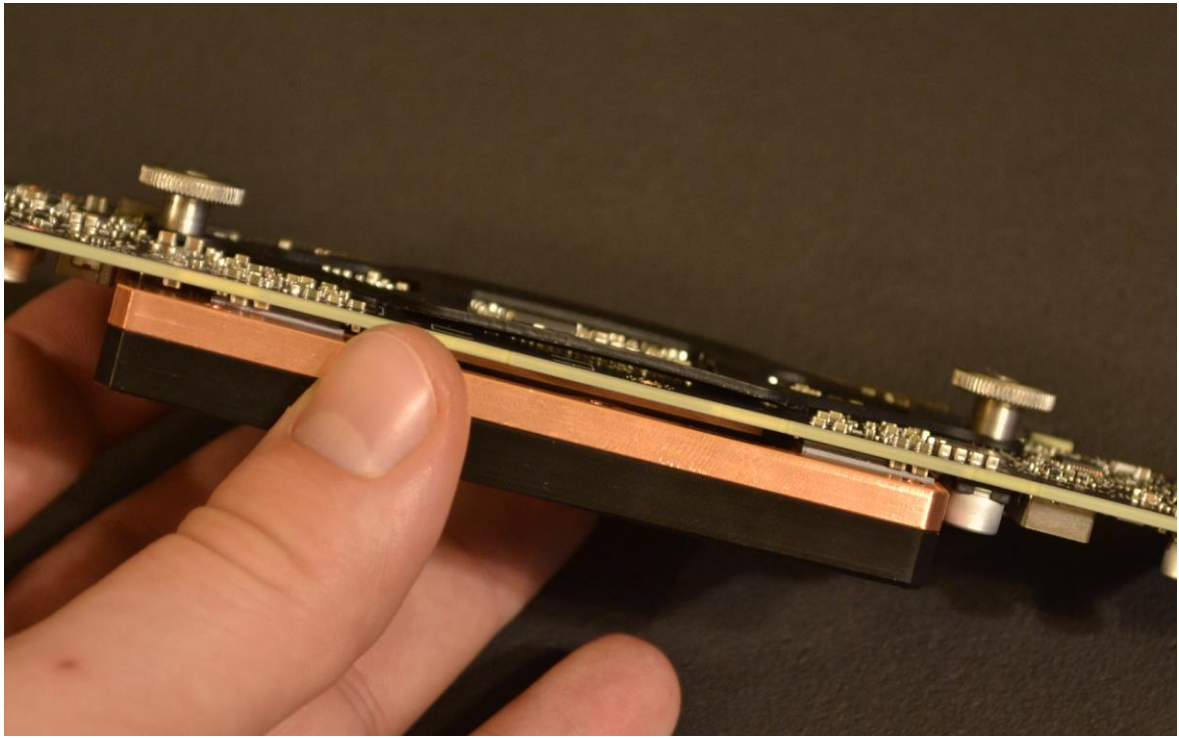


8. Tighten the nuts a little to prevent the screws from falling off

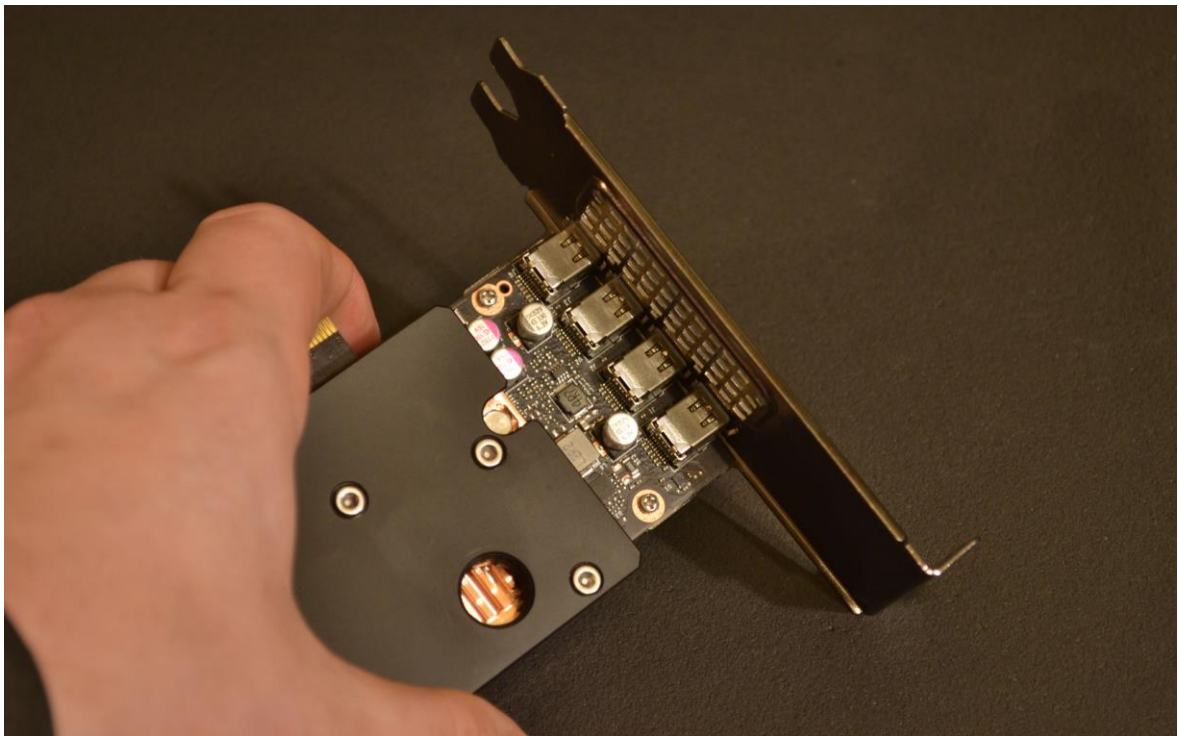


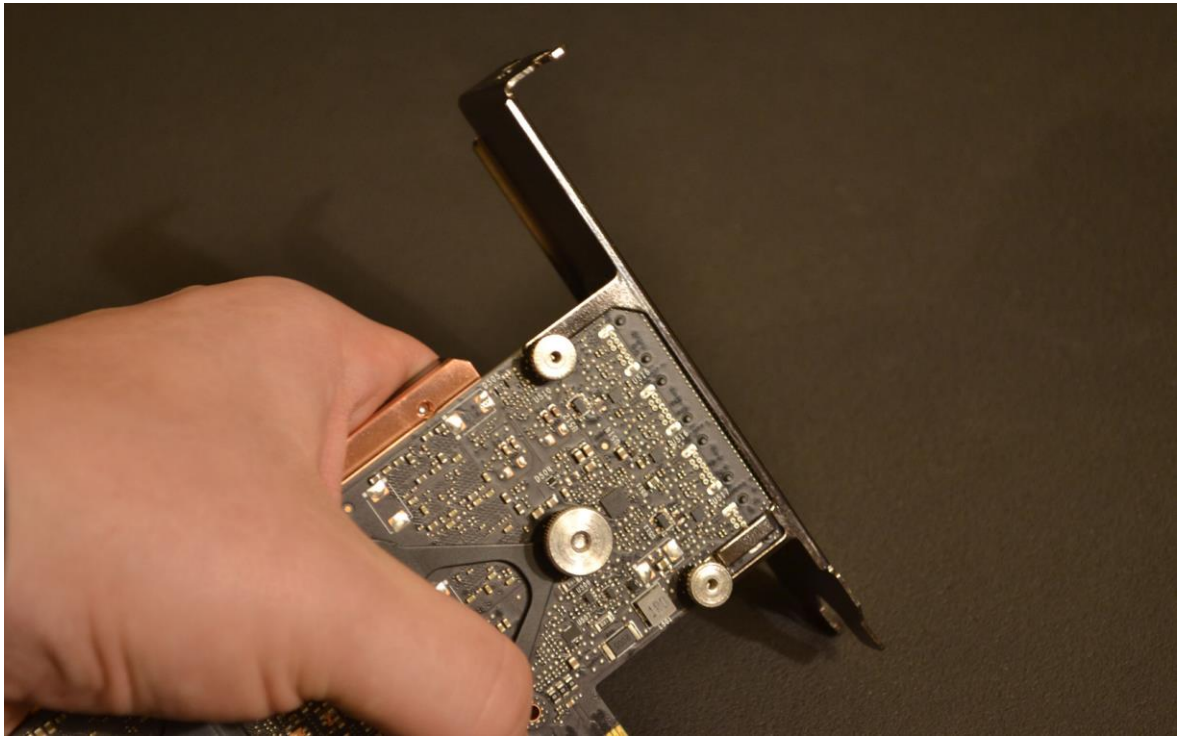
9. Tighten the screws to the end using your fingers **ALTERNATELY**, if you tighten one to the end and then second one you can damage the card. Don't use any tools. PCB cannot be bent after installation. Shape of the original backplate provides a proper mounting pressure on the GPU.



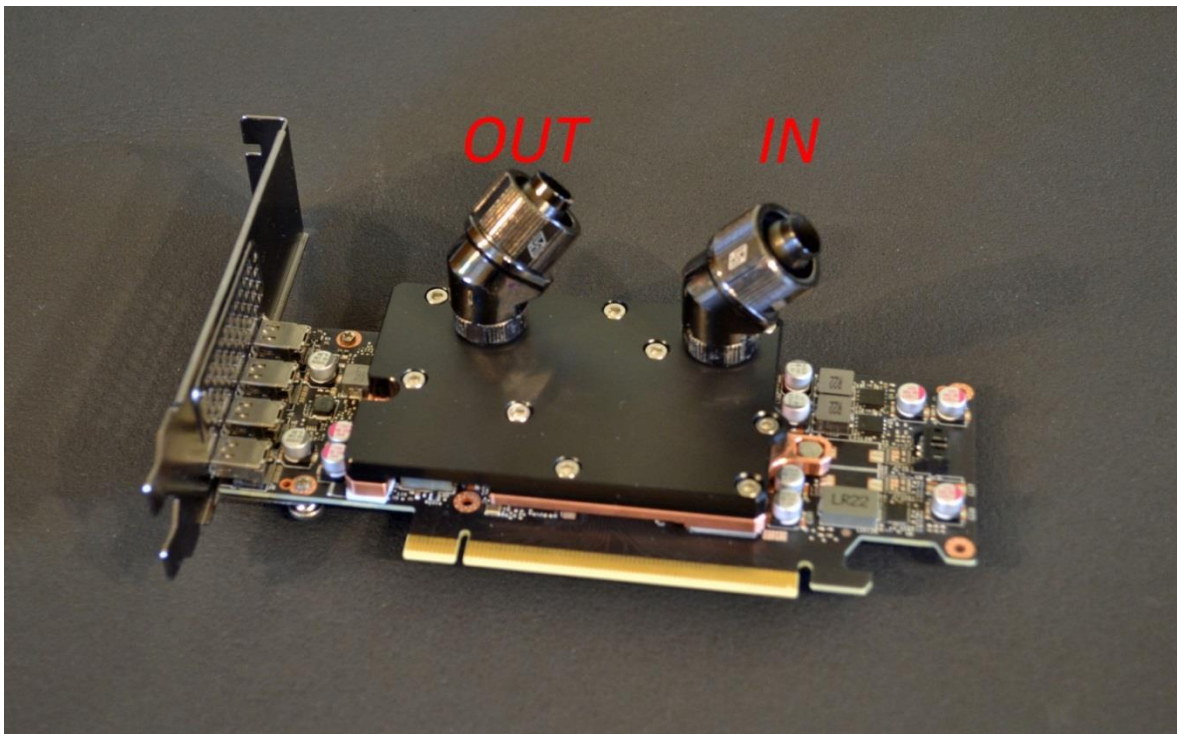


10. Install the PCI bracket using the attached screws





11. Install the fittings. Thread size is G1/4, maximum thread length on the fittings is 6mm. Use your fingers, at the end you can use a key with a very little force. If you use too much force, then you can damage the threads. Connect as pictured – IN/OUT.



Water block with the fittings attached (not included). Connect the hoses as pictured IN/OUT.

12. Testing the liquid cooling system

Before powering liquid cooling system, it should be followed by leak test – we recommend 24h test. Assembled loop should be connected to a pump, which is able to run without motherboard running. Performing such a test minimizes the risk of damaging the equipment. If there is a leak, it need to be removed and entire testing producere must be started from the beginning.

If you encounter any problems during the installation or usage please contact us mining@bartxstore.com