

Technical Details

- Dimensions: 303.3 x 124.9 x 25.8mm
- Ports: G1/4"

Box Contents

- 1 x HD 7990 Waterblock
- 5 x G1/4 Plugs
- 11 x Thermal pads 1mm
- 1 x Thermal pad 0.5mm
- 1 x K2 Thermal paste
- 8 x M3x6 screws
- 9 x Red washer
- 6 x M3x10 countersink screws
- 1 x Twin 3mm blue led
- 1x Allen key



G1/4" fittings sold separately

Note: This waterblock is only suitable for reference design HD 7990 cards. If you are unsure if your card is a reference design 7990 contact us prior to installation to make sure.



1. The waterblock is designed for crossfire setups, so you can fit the G1/4" fittings to multiple sides of the block. Decide which configuration is best for your system.



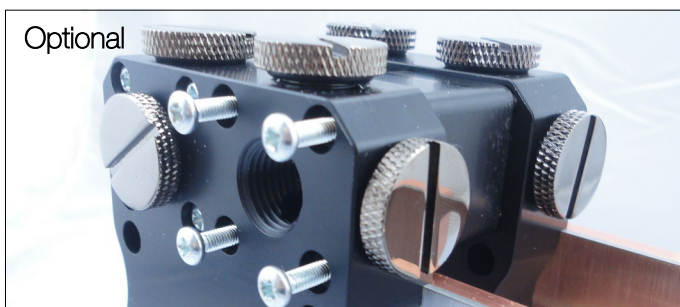
2. Use the G1/4" blanking plugs to block the unused ports.



3. Attach your chosen fittings to the G1/4" ports. Make sure to attach one of the left and one on the right side. Flow direction is not important.



4. The block is now ready to be connected to the other watercooling components for leak testing.



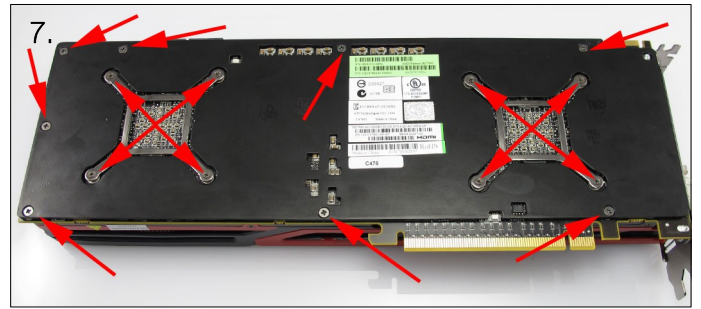
If you are using cards in crossfire you can use the optional SLI flow connector to bridge the two cards. This should be done after step 12.

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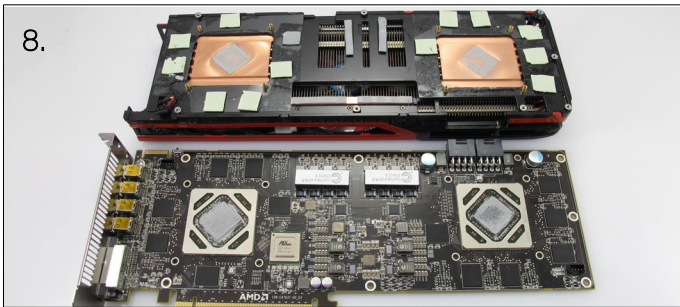
In the next steps the waterblock is shown without tubing or other watercooling components connected. This has been done to make it easier to see the installation process.



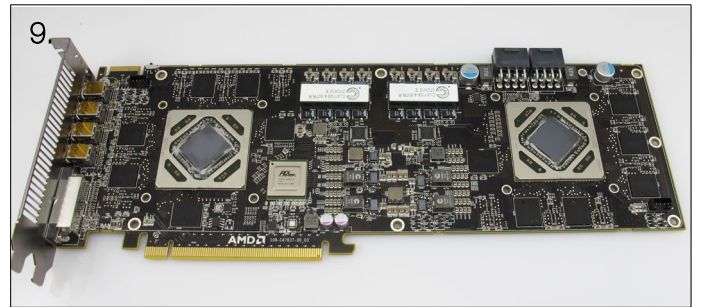
6. Before handling the card you should take precautions to avoid static damage. Remove the 7990 card from the box ready for installation.



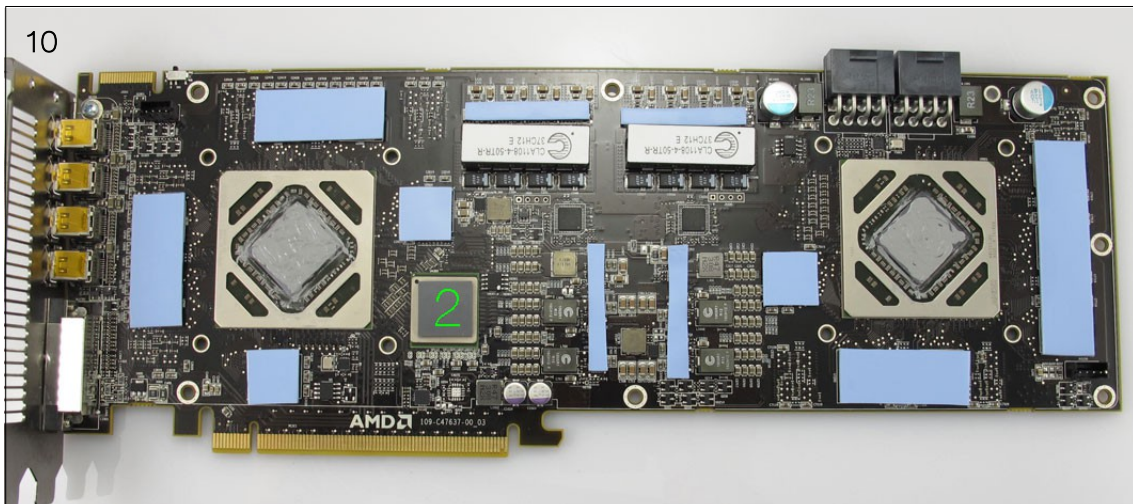
7. Now turn the card on its back and remove the 16 screws highlighted above.



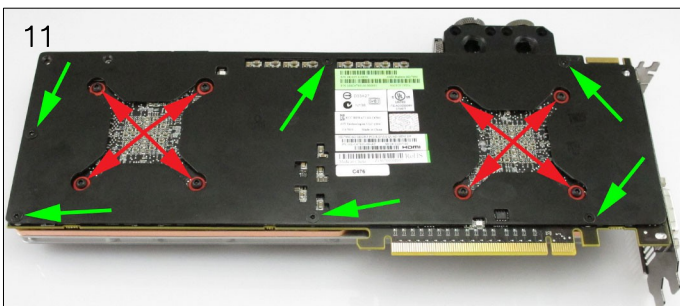
8. Turn the card back over and carefully remove the heatsink and fan. Now the card and heatsink are separated detach the fan power cable from the fan header.



9. Clean the thermal paste from the GPU cores and remove any residue left from the thermal pads.



10. Remove the tape from both sides of the thermal pads. Place the blue pads on the positions shown above and the grey pad on positions marked 2. Next apply thermal paste to the GPU cores.



11. Place the waterblock on the card to line up the screw holes and then flip it over (making sure the thermal pads stay in place). Now carefully attach the block to the card, starting with the eight screws/washer (marked in red). Finally use the six countersink screws (marked in green) to attach the backplate.



12. Do not over tighten the screws as this may bend the card and cause permanent damage. The card is now ready for use. When you first boot it is advisable to use software to check the core temperature. If the temperature is high you will need to remount the block.