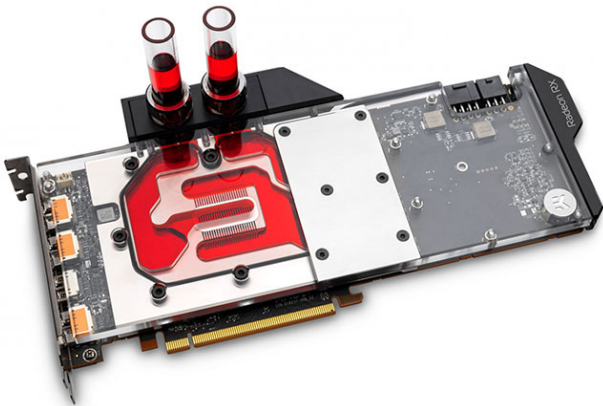


EK Cools AMD Navi GPUs

Written by Frederick Douglas
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Slovenia-based liquid cooling specialist EK Water Blocks releases a pair of EK-Vector Radeon RX 5700 +XT water blocks compatible with the AMD Radeon RX 5700 and 5700 XT graphics cards.



Thanks to a switch to a 7nm fabrication process, the Navi GPU cores inside the RX 5700 and 5700 XT are 251mm in size (compared to the 495mm Vega GPUs). The reduction in size makes for a more efficient GPU, but also increases thermal density, bringing the need for an efficient cooling solution. EK says the water blocks directly cool the GPU, memory and VRM (voltage regulation module), channeling liquid cooling directly over these critical areas.

The cooling engine in the water blocks is redesigned to feature a larger footprint in comparison to the previous generation EK Full cover water blocks, resulting in a larger surface area for heat transfer and a boost in thermal performance. The base of the blocks is in high-grade copper or nickel-plated electrolytic copper, while the top is in acrylic material or black POM Acetal material (depending on variant).

The plexi-covered block is lit up with RGB, while the acetal version features RGB in the white corner piece. The plastic cover over the block terminal also includes RGB lighting, and is designed to reveal the graphics card model. EPDM O-Rings ensure sealing, and the pre-installed brass standoffs allow for safe and easy installation. An included single-slot I/O bracket replaces the original 2-slot to make installation of multiple graphics cards easier while transforming the GPU into a single-slot solution.

The EK-Vector Radeon RX 5700 +XT RGB blocks should start shipping by end July 2019.

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