Performance-PCs.com

1701 R. J. Conlan Blvd.
NE, Unit #5
Palm Bay, FL 32905, USA

Toll Free: 888-381-8222

www.performance-pcs.com
sales@performance-pcs.com

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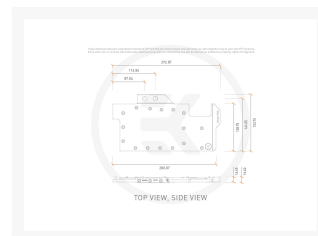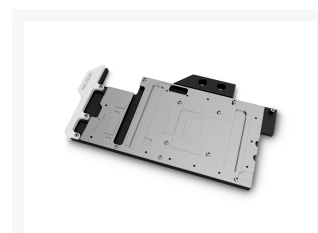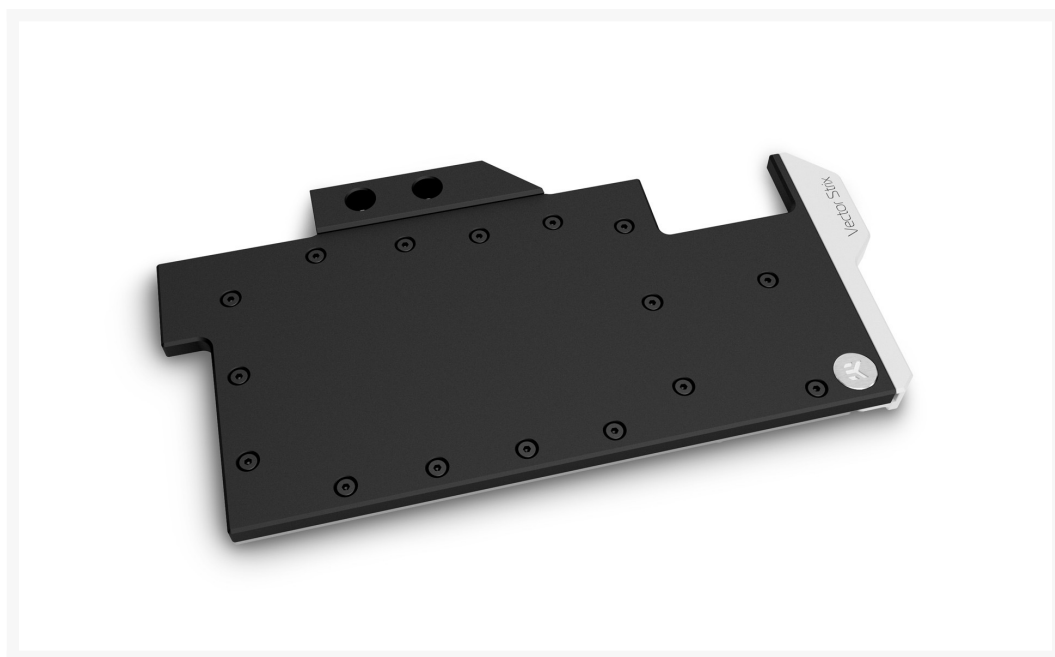
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EK-Quantum Vector Strix RTX 3070 D-RGB - Nickel + Acetal

Special Price
$151.99 was
$189.99

Product Images

Short Description

This is the 2nd generation Vector GPU water block from the EK® Quantum Line, designed for ASUS® ROG Strix RTX 3070 graphics cards based on the latest NVIDIA® Ampere™ architecture.

Description

An EK water block for ROG STRIX RTX 3070

EK-Quantum Vector Strix RTX 3070 D-RGB water block is compatible with ROG Strix RTX 3070 graphics cards. The Vector water block actively cools the GPU, VRAM (on the front), MOSFETs in the VRM (voltage regulation module), PWM controller, and all chokes including the input rail.

These newly developed water blocks feature optimized flow paths that reduce hydrodynamic instabilities and vortexing (dead spots) inside of them. Additionally, this new design allows the copper cold plate to extend almost the entire length of the PCB, cooling even less important components for maximum efficiency.

The EK-Quantum Vector Series water blocks use an Open Split-Flow cooling engine design, which proved to be a superior solution for GPU water blocks. It is characterized by low hydraulic flow restriction, meaning it can be used with weaker water pumps or pumps running on low-speed settings, and still achieve top performance. The jet plate and fin structure geometry have been optimized to provide even flow distribution with minimal losses and optimal performance when used in any given coolant flow orientation.

Fin array is populated by 28 microfins with 0.6mm wide microchannels that provide optimal cooling performance, without unnecessary flow restrictions or clogging hazards.

The base of the block is CNC-machined out of nickel-plated electrolytic copper, while its top is CNC-machined out of durable black POM acetal. These 2nd generation Vector GPU water blocks also feature acetal terminals that match the top cover. The watertight sealing is ensured by high-quality EPDM O-rings, while brass standoffs are already pre-installed and allow for a safe and easy installation procedure.

PLEASE NOTE:

- Due to the immense variety of fittings/barbs available on the market, we guarantee compatibility only with EK fittings.
- Factory backplates are not compatible with this water block!
- Check your toolbox if you are missing this special Hex adapter for some of the screws.
- This product should NOT be installed with any aluminum Fluid Gaming parts!
- The use of specifically engineered coolants that contain corrosion, scale, and biological inhibitors is mandatory to prevent damage to your nickel plated water block! EK is offering a selection of such products in the coolants section.

Features

D-RGB lighting on EK-Quantum Vector Strix RTX 3070 D-RGB water block

The aesthetic corner end-piece is housing the addressable D-RGB LEDs. This water block boasts a total of 6 individually addressable RGB LEDs, and it is compatible with popular RGB sync technologies from all major motherboard manufacturers. The arrow marking on the 3-pin D-RGB LED connector is to be aligned with the +5V marking on the D-RGB (addressable) header.

Backplate for the ROG Strix 3070 water block

EK recommends the purchase of a retention backplate, which improves the overall aesthetics of your graphics cards, and also provides additional passive cooling for the GPU core and backside of the printed circuit board VRM section.

Specifications

Enclosed:

- EK-Quantum Vector Strix RTX 3070 D-RGB series high-performance water block
- Mounting mechanism with screw-in brass standoffs
- Necessary mounting screws, nuts, and washers
- 2x Nickel plated brass plug G1/4"
- EK-Loop Multi Allen Key (6mm, 8mm, 9mm)
- Thermal pads
- Thermal grease EK-TIM Ectotherm (1g)

Technical Specification:

- Dimensions: (LxHxW) - 293x154x16.5mm
- D-RGB cable length: 500mm
- D-RGB LED count: 6
- D-RGB connector standard 3-pin (+5V, Data, Blocked, Ground)

Made in Slovenia - Europe!

Additional Information

Brand	EK Waterblocks
SKU	EK-QUANTUM-STRIX-3070-DRGB-NA-D
Weight	3.5000
Color	Black
Vga	ASUS ROG Strix NVIDIA GeForce RTX 3070 DirectX 12
Block GPU Type	Nvidia
Block Style	Nickel-Acetal
Vendor SKU/EAN	3831109832448
Special Price	$151.99