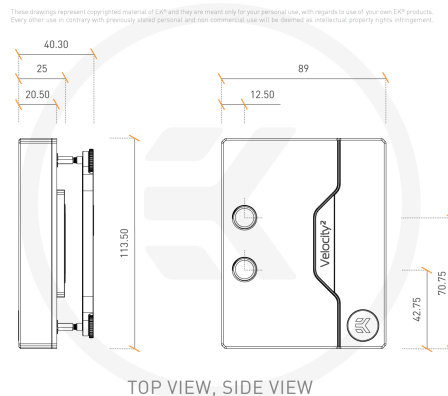




EK-Quantum Velocity² D- RGB - AM4 Nickel + Acetal

\$146.99

Product Images



Short Description

EK-Quantum Velocity² D-RGB - AM4 Copper + Acetal is the new high-performance premium quality CPU water block for the popular AMD® AM4 socket platform.

Description

Details

EK-Quantum Velocity² D-RGB - AM4 Copper + Acetal is the new high-performance premium quality CPU water block for the popular AMD® AM4 socket platform. It features a next-generation cooling engine that is socket-specific. This CPU water block is EK-Matrix7 compliant and is mounted via a patent-pending EK Exact Mount system.



Features

OptiFlow Cooling Engine

EK-Quantum Velocity² series CPU water blocks embed the next generation cooling engine named OptiFlow. They use a specific combination of mounting pressure and coldplate geometry tailored for the IHS and die layout of AMD AM4 socket processors. Low hydraulic flow restriction enables these products to be used in setups using weaker water pumps or lower pump speeds for added silent operation, while still achieving top performance! The lathe-turned coldplate is made with precision to effectively cover the IHS and put pressure on the die area.

The Velocity² series water blocks cover the entirety of the socket while conforming to AMD guidelines about safe zones.

Water Block Material and Manufacturing

The coldplate is manufactured out of the highest-grade 99.99% pure electrolytic copper, machined with precision for the best possible contact and heat transfer which is further nickel-plated. This version of the water block features a nickel-plated cold plate with a CNC-machined black POM acetal top piece.

EK-Matrix7

The EK-Quantum Velocity² is an [EK-Matrix7](#) compatible product. The EK-Matrix7, a product raster that is bound to set a new standard. EK is adding a new dimension to PC liquid cooling, where the height of products and the distance between ports are managed by increments of 7mm. This improves product alignment and reduces the time spent planning the loop and bending tubes. Through the meticulous planning of our products, building a liquid-cooled PC becomes easy and fun, just like toy bricks.



EK-Quantum Velocity² Patent-pending Mounting

EK-Exact Mount is a patent-pending mounting system designed and engineered by EK in the search for an easy-to-use, but aesthetically pleasing mounting mechanism. It's made up of only three pieces - backplate, mounting screws, and the water block itself. It's screwed in from the back allowing for a seamless and clean front aesthetic without any screws disrupting the harmony of shape. The system uses pre-tensioned springs concealed in the water block top, so with just a few turns of the thumb-nuts, the installation is finished, and you get the exact mounting pressure needed.

EK-Quantum Velocity² D-RGB LED Lighting

This product is compatible with all popular addressable 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 header. A total of 17 addressable RGB LEDs are hidden under the stick-out piece, which acts as a diffuser.

Winning Prestigious Awards at Great Velocity

We shouldn't forget to mention that our Velocity² products have taken home five prestigious awards so far. Their performance, innovative design, and bold approach to creating water cooling solutions ensured this product line gets the recognition it deserves. The awards given to Velocity² products include [iF Design](#), [European Hardware Awards](#), [CES 22](#), and others.



Specifications

Technical specifications:

- D-RGB cable length: 50cm
- D-RGB connector: 3-pin 5V digital LED header (Pinout: +5V | Digital | Blocked | Ground)
- Dimensions: (LxHxW) - 89x113,5x34mm

CPU socket compatibility:

- AMD AM4

Enclosed:

- EK-Quantum Velocity² CPU water block
- Exact Mount universal CPU mounting mechanism
- EK-Velocity² Backplate
- 2.5mm Allen(HEX) key
- Jetplate for AM4 socket CPUs
- Thermal grease Thermal Grizzly Hydronaut (1g)

Made in Slovenia - Europe!

PLEASE NOTE:

- This product should NOT be installed with any aluminum EK 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.
- The arrow marking on the 3-pin LED connector is to be aligned with the +5V marking on the D-RGB(A-RGB) header.

Additional Info

	Nickel Acetal
	G1/4
	AMD

Additional Information

Brand	EK Waterblocks
SKU	EK-QUANT-VEL2-DRGB-AM4-NA
Weight	2.5000
Color	Black
CPU Series	AM4
Block CPU Type	AMD
Block Style	Nickel-Acetal
Vendor SKU/EAN	3831109854648

