

EKCOOLINGE<sup>M</sup>PO<sup>M X X</sup>



# Computers. Beyond Better.



**Our mission? To increase computers' performance and make them look even better. To elevate computers.**

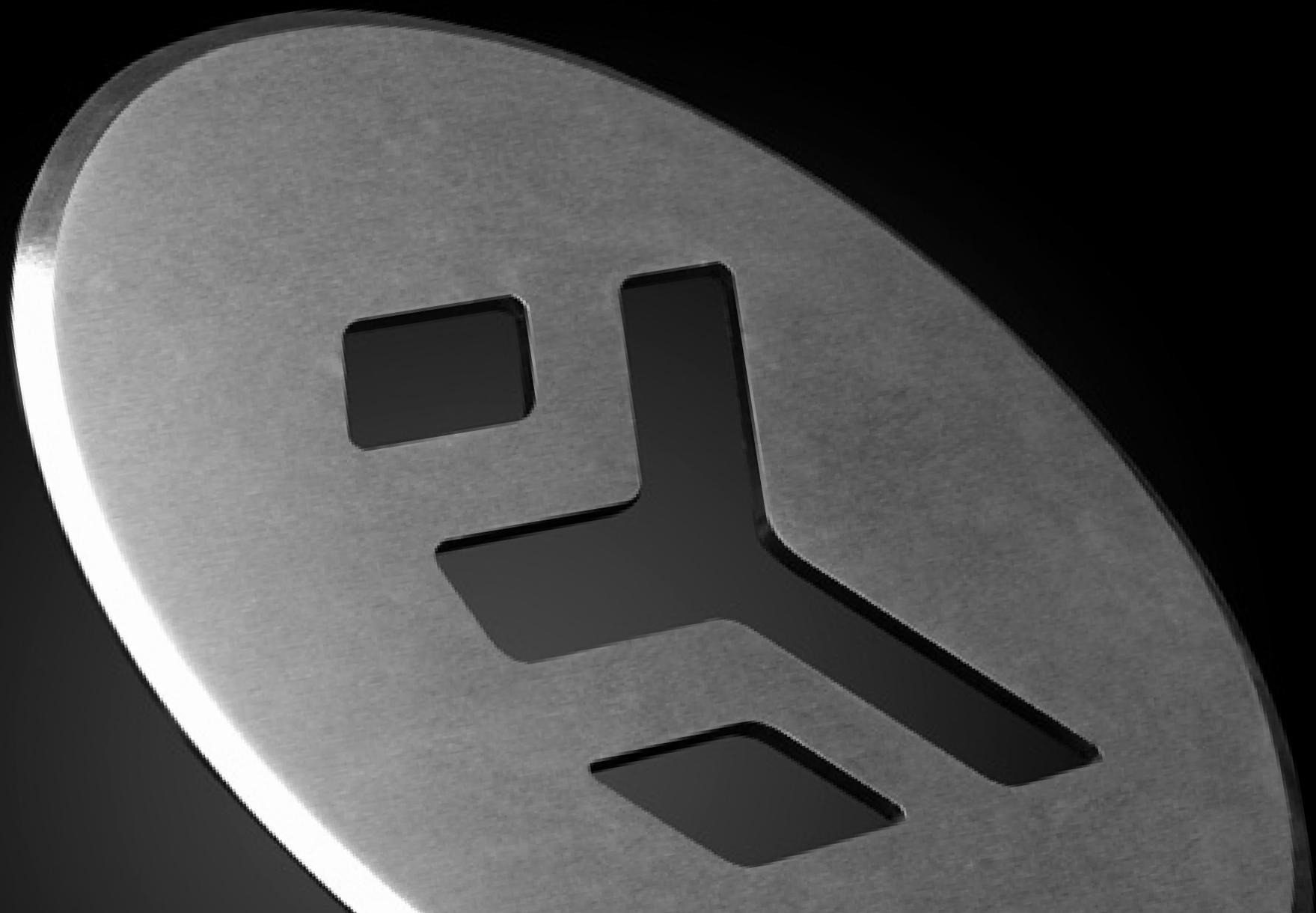
We are EK® - the leader in computer liquid cooling solutions. Our company emerged in 2003, bearing the name of its founder Edvard König. Over the years, we expanded our product portfolio to become the most comprehensive provider of liquid cooling products and engineering solutions, marketed under the EK brand.

EK gained a strong reputation among computer enthusiasts seeing as we helped them transform ordinary computers into extraordinary machines. Our products are recognized for elegant design, attention to detail, operational effectiveness, and outside-the-box approach. Today, EK products are available worldwide, and the company holds several partnerships with some of the most recognized brands. Our vision is to lead the way in making computers better.

We have structured the business under four distinct business units. Three of those are focused on the development of end-customer oriented product lines, such as Quantum, Classic, and Fluid Gaming - each one carefully tailored for its customer group. The fourth business unit is our Enterprise program that is providing solutions for OEMs and custom-design type projects.

What follows is a review of our products and builds that you can see inside the immersive 360 Showroom at the EK Cooling EXPO. Enjoy!

# EK<sup>®</sup> Cooling EXPO Builds



# EK® Quantum Sekira Plexi

Build





## QUANTUM BUILD

Derived from an obsession with liquid cooling this build reveals everything, an instant reminder to appreciate all things plexi and RGB. A Reflection distribution plate and EK-Loop vertical GPU bracket are used to translate all of the components into a single plane, maximising the intricate details and vibrant coolant that can be seen.

### EK Liquid Cooling Components

GPU	EK-Quantum Vector Trio RTX 2080 Ti D-RGB
GPU	EK-Loop Vertical GPU Bracket
RES	EK-Quantum Reflection Evolv X D5 PWM D-RGB
FIT	EK-Quantum Torque Fittings - Black Nickel
RAD	EK-CoolStream PE 360 (Triple) [x2]
FAN	EK-Vardar EVO 120ER D-RGB (500-2200 rpm) [x6]

# EK® Quantum Sekira Carbon

Build





## QUANTUM BUILD

Just as the theme of MSI Sea Hawk EK X has been continued by the new Carbon EK X motherboard, enhancements to the chassis take that a step further with real carbon fiber. Additionally Satin Titanium Torque fittings deliver a satisfyingly precise highlight to complement the technical material palette.

### EK Liquid Cooling Components

GPU	EK-Quantum Vector Trio RTX 2080 Ti D-RGB
GPU	EK-Loop Vertical GPU Bracket
RES	EK-Quantum Reflection Evolv X D5 PWM D-RGB
FIT	EK-Quantum Torque Fittings - Black Nickel
RAD	EK-CoolStream PE 360 (Triple) [x2]
FAN	EK-Vardar EVO 120ER D-RGB (500-2200 rpm) [x6]

# EK<sup>®</sup> Quantum EK mITX Concept Case - Monolith

Build





## QUANTUM BUILD

Experimenting with layout and materials this small footprint ITX build orientates all of the hardware around the user.

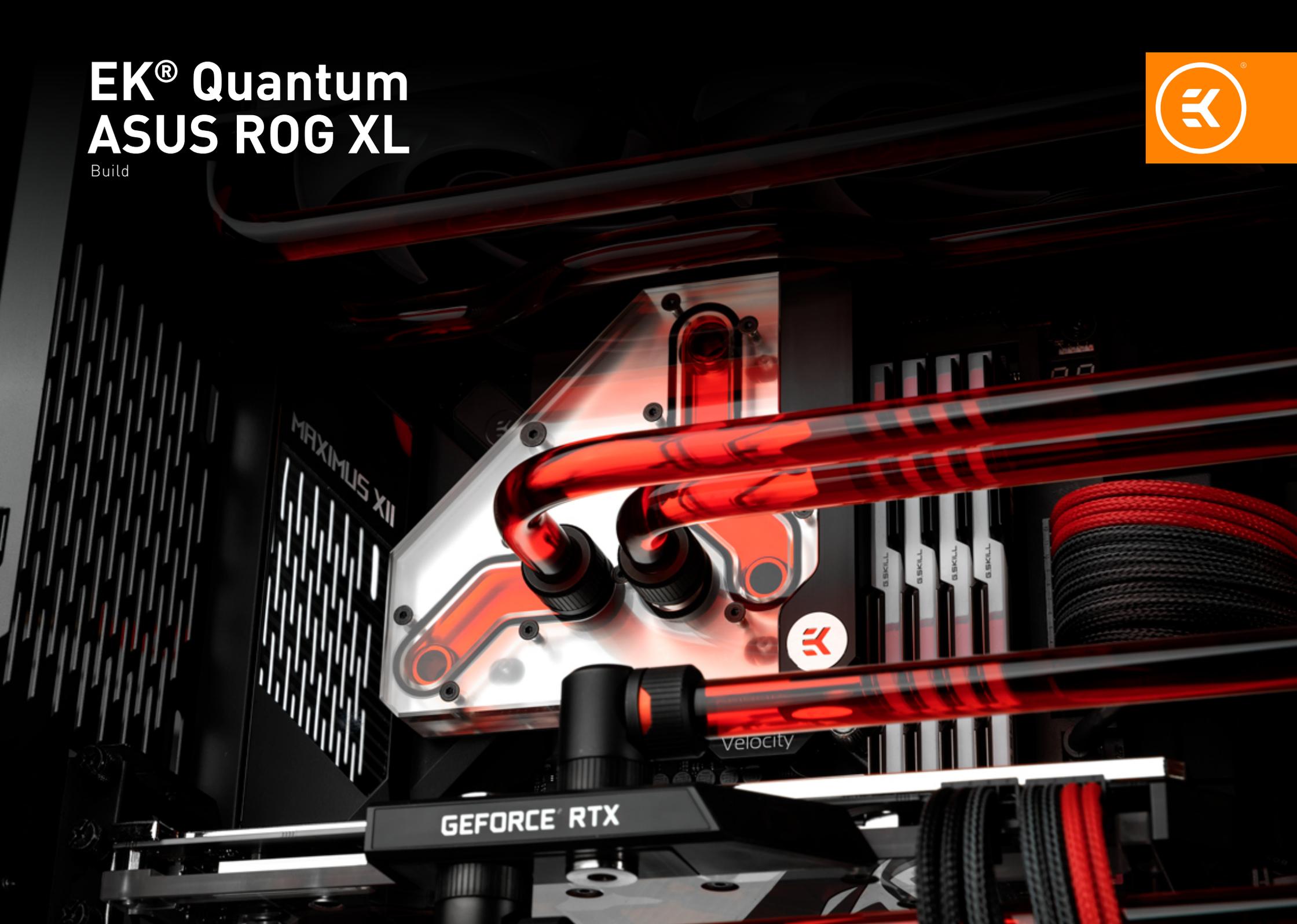
The chassis, developed in direct collaboration with accomplished modder neSSa, accomadates every-thing the enthusiast demands for liquid cooling and puts all of the right pieces on show.

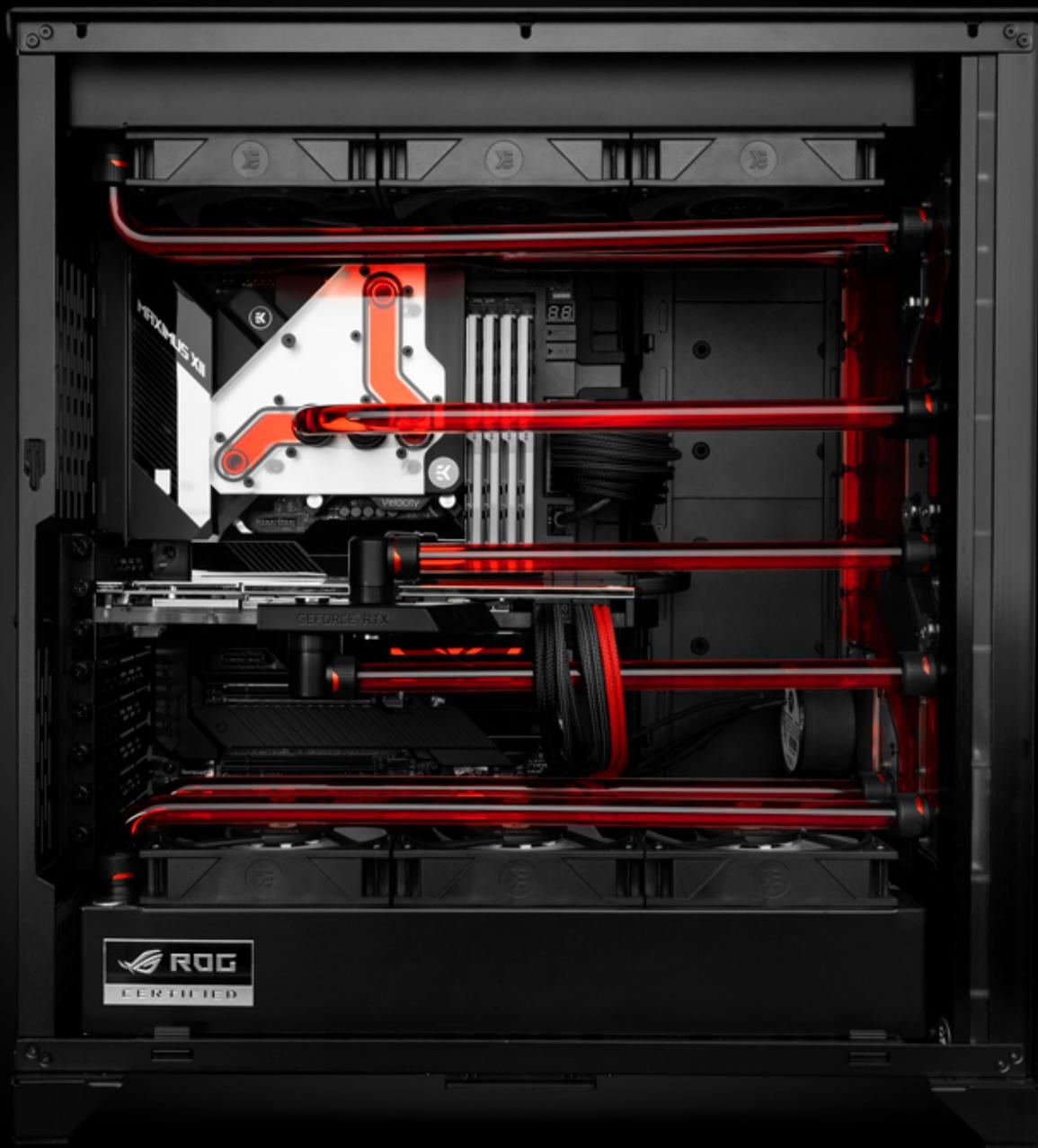
### EK Liquid Cooling Components

CPU	EK-Quantum Magnitude D-RGB
GPU	EK-Quantum Vector RTX RE D-RGB
RES	EK- Quantum Kinetic FLT 360 D5/DDC Body D-RGB
FIT	EK-Quantum Torque Fittings - Black
RAD	EK-CoolStream SE 360
FAN	EK-Vardar EVO 120ER D-RGB (500-2200 rpm) [x3]

# EK® Quantum ASUS ROG XL

Build





## QUANTUM BUILD

Demonstrating several innovative integrated liquid cooling solutions this build in the hugely popular PC-011D XL combines the latest EK-Quantum hardware to simplify the loop.

Up front is a new Reflection distribution plate to streamline tubing and assembly. Also at the heart of the system a Momentum VRM Bridge effortlessly takes care of the Maximus XII Formula.

### EK Liquid Cooling Components

CPU	EK-Quantum Velocity Strike RGB
CPU	EK-Quantum Momentum VRM Bridge ROG Maximus XII
GPU	EK-Quantum Vector RTX RE D-RGB - Nickel + Plexi
RES	EK-Quantum Reflection PC-011D XL D5 PWM D-RGB
FIT	EK-Quantum Torque Fittings - Black
RAD	EK-CoolStream XE 360
RAD	EK-CoolStream PE 360
FAN	EK-Vardar EVO 120ER D-RGB (500-2200 rpm)

# EK® Quantum 925 Magnitude

Build





## QUANTUM BUILD

Derived from an obsession with liquid cooling this build reveals everything, an instant reminder to appreciate all things plexi and RGB. A Reflection distribution plate and EK-Loop vertical GPU bracket are used to translate all of the components into a single plane, maximising the intricate details and vibrant coolant that can be seen.

### EK Liquid Cooling Components

CPU	EK-Quantum Magnitude sTRX4
GPU	EK-Quantum Vector RTX RE
GPU	EK-Quantum Scalar Dual 4-slot
RES	EK-Quantum Kinetic FLT 120 DDC PWM D-RGB
FIT	EK-Quantum Torque Fitting
RAD	EK-CoolStream XE 360
RAD	EK-CoolStream PE 360
FAN	EK-Vardar EVO 120ER Black BB (500-2200rpm)

# EK® Classic 303EK D-RGB

Build





## CLASSIC BUILD

The integrated reservoir, pump and distribution plate make the 303EK an obvious entry for anyone looking to build a custom loop.

Made possible by a phenomenal collaboration with InWin the chassis integrates seamlessly with all of the EK-Classic line components to produce a clean and efficient machine.

### EK Liquid Cooling Components

CPU	EK-Supremacy Classic RGB
GPU	EK-FC RTX 2080 +Ti Classic RGB
FIT	EK-Classic Fittings - Black
RAD	EK-CoolStream Classic SE 360
FAN	EK-Vardar EVO 120ER Black BB (500-2200rpm)
CASE	EK-Classic InWin 303EK - Black

# EK® Enterprise Fluid Works

Workstation





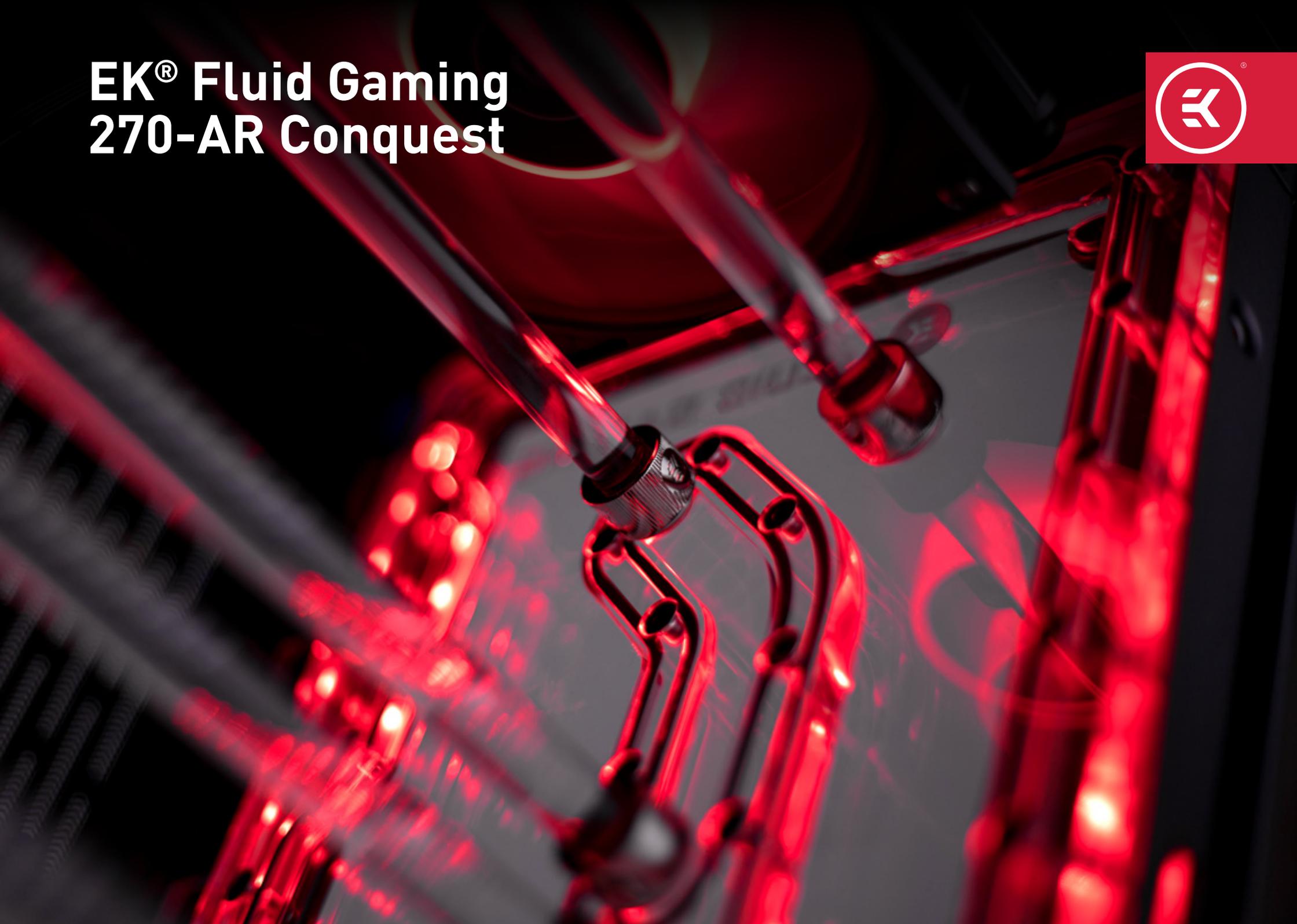
## WORKSTATION

EK-Fluid Works workstation computers offer long lasting silent and powerful operation. Mid-range product specifics are the ability to expand the system with more GPUs in later phases by simply ordering a pre-filled water block and GPU assembly, and connecting it to liquid cooling loop via Quick Disconnect Couplings.

### EK Liquid Cooling Components

CPU	EK-Pro CPU WB sTR Full Al
GPU	EK-Pro GPU WB RTX 2080 Ti - Full Al
FAN	EK-Furious Vardar EVO 120 BB (750-3000rpm)
RAD	EK-Alustream PE 480 Lite
RES	EK-RES X3 150
PUMP	EK-XTOP Revo D5 PWM
MANIFOLD	EK-Pro Manifold 2CPU 2GPU POM
QDCF	CPC QDC F Barb 10mm
QDCM	CPC QDC M G1/4 (PLQ4D47004BLU)

# EK® Fluid Gaming 270-AR Conquest





## FLUID GAMING PC

Much more than just a gaming rig, EK-Fluid Gaming PC 270-AR Conquest is what you need to enter the gaming Hall of Fame. With the performance of AMD Ryzen 7 3800X CPU and Radeon MSI RX5700 GPU, and accompanied by the high-end custom loop liquid cooling, it is a premium gaming PC optimized for smooth and silent operation. Having the EK-Fluid Gaming PC 270-AR Conquest in your corner is the ultimate gaming strategy.

### EK Liquid Cooling Components

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CPU EK Velocity AX

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GPU EK Vector AX

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RES EK-Classic DP Front PC-011D D-RGB + SPC PWM

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FIT EK ALU - Black

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RAD EK-AluStream SE 360

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FAN EK-Vardar S 120ER D-RGB (500-2200 rpm)

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# EK® Barebone



## BAREBONE

The EK barebones kit is an ideal solution for users looking to build a fully water-cooled PC, containing everything you need to liquid-cool both your CPU & GPU inside a customized Lian-Li PC-011 Dynamic case. Pre-installed with a custom EK D-RGB distribution plate, the kit requires no previous water-cooling experience to assemble, with a fully comprehensive guide to walk you through each step of the build.

### EK Liquid Cooling Components

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CPU EK Velocity AX

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GPU EK Vector AX

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RES EK-Classic DP Front PC-011D D-RGB + SPC PWM

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FIT EK ALU - Black

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RAD EK-AluStream SE 360

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FAN EK-Vardar S 120ER D-RGB (500-2200 rpm)

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# EK® Mainstream AIO (All-In-One)





## AIO BUILD

Delivering our expertise to an even wider audience, the competitively positioned EK-AIO aims to transition users to liquid cooling by demonstrating formidable reliability and performance in one convenient package. Seen here next to an air-cooled GPU, it is the cooling format most gamers adopt as part of their upgrade strategy.

### EK Liquid Cooling Components

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AIO	EK-AIO 360 D-RGB
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# EK<sup>®</sup> Cooling EXPO Brand New Releases



# EK<sup>®</sup> Quantum Reflection

Distribution Plates



## Reflection PC-011D XL D5 PWM D-RGB

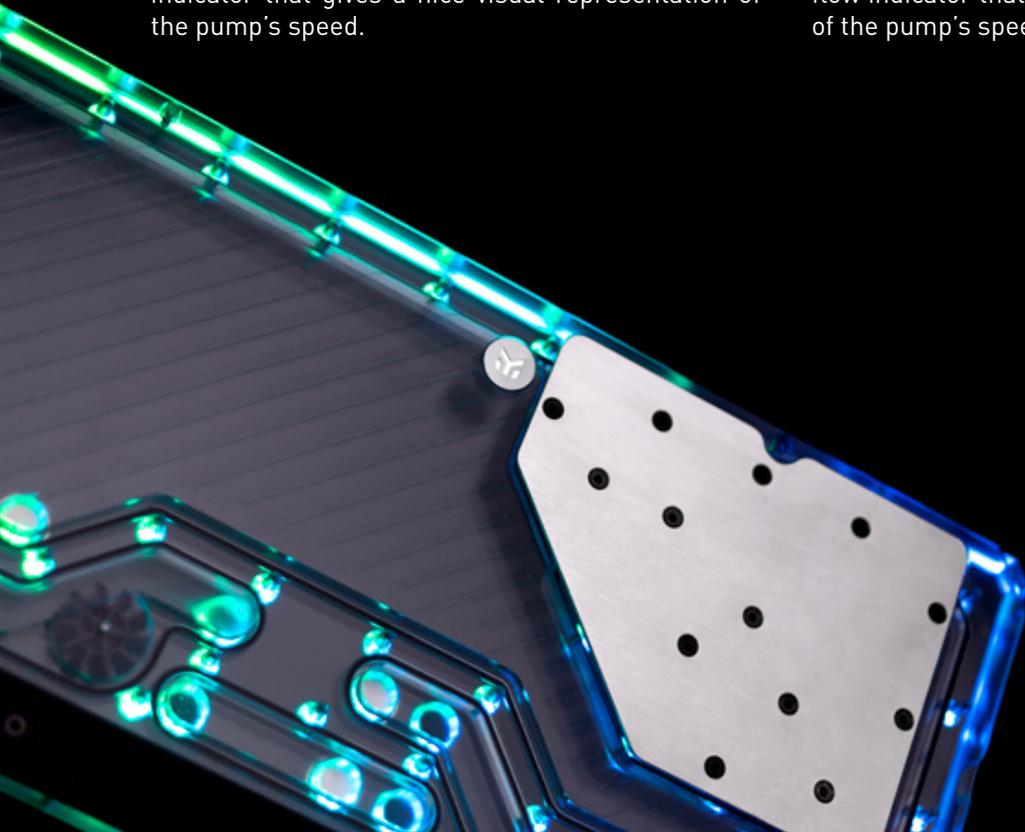
The EK-Quantum Reflection PC-011D XL D5 PWM D-RGB is a custom water cooling reservoir, routing, and pump solution. This “distro plate” is specifically designed to provide an advanced water cooling solution, with a market-favored D5 pump, for the 011D XL case by LIAN LI.

This waterway is also equipped with a physical flow indicator that gives a nice visual representation of the pump's speed.

## Reflection PC-011D D5 PWM D-RGB - Plexi

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This “distro plate” is specifically designed to provide an advanced water cooling solution, with a market-favored D5 pump, for the 011D case by LIAN LI. This waterway is also equipped with a physical flow indicator that gives a nice visual representation of the pump's speed.



# EK® Quantum Magnitude sTRX4

CPU Water Block



After creating the top performing water block for mainstream CPUs we have set our mind that we will do the same for Threadripper. Magnitude sTR takes the same completely uncompromised approach as before. Optimized attentively for Zen 2's unique die locations the flow is split 4-ways to target every chiplet with the focused flow for ultimate cooling performance and minimal restriction.

With modular design in mind, you can choose different materials, colors, and lighting options to make your Magnitude more personal.



# EK<sup>®</sup> Quantum Torque Extender Static

Fittings



The first expansion of the Torque line of fittings adds static extenders in various lengths and finishes to perfectly match the EK-Quantum Torque fittings.

With more options yet to come, the Quantum Torque Line of fittings is becoming a go-to choice for enthusiasts and modders worldwide.



# EK<sup>®</sup> Quantum Flow Indicator



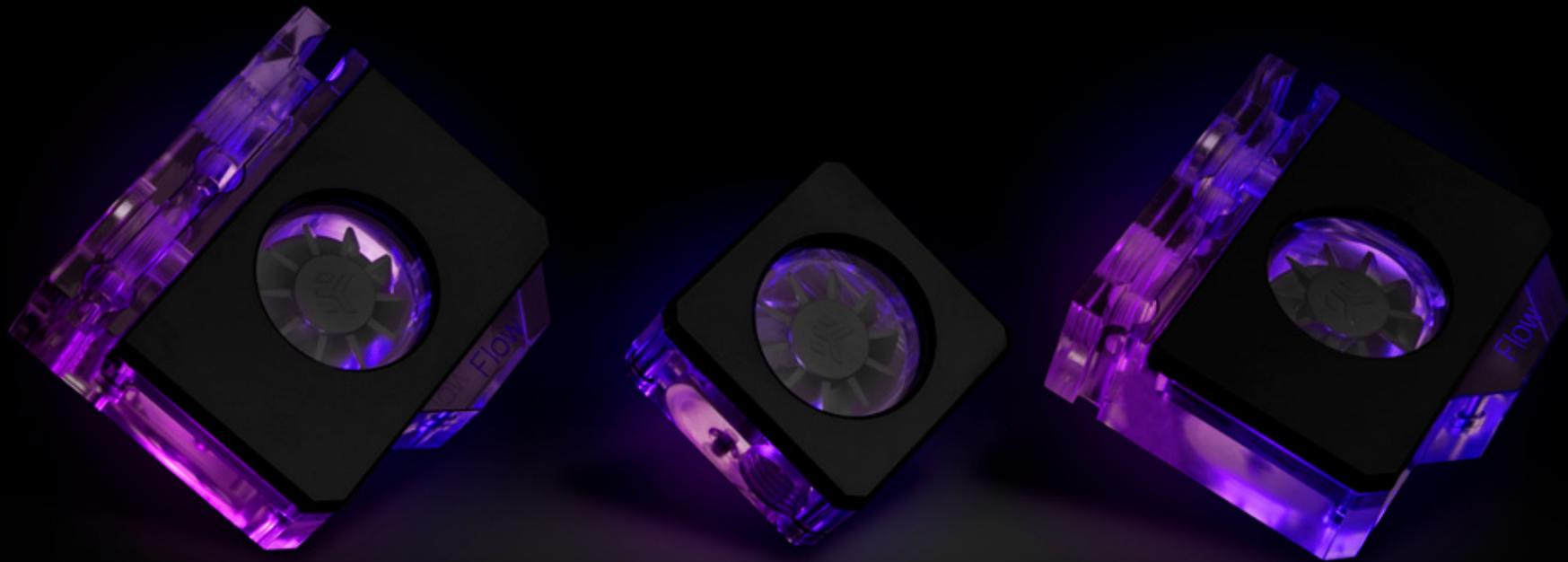
**Flow Indicator D-RGB**

**Scalar Flow Indicator Bottom-Top D-RGB**

**Scalar Flow Indicator Top-Bottom D-RGB**

EK Quantum Line gets new products in the form of Flow Indicators. You have an option to choose a stand-alone flow indicator or one that seamlessly blends with your EK-Quantum Vector GPU block.

This piece will visually show you the flow rate in your system and make sure you can notice if something is going wrong. Aside from being useful, EK has made sure this traditionally non-appealing item comes with a premium and elegant look worthy of the Quantum Line and your PC.



# EK® Quantum Momentum

Monoblock

2nd generation of EK monoblocks for the AMD Threadripper platform. These monoblocks are intricate and complex, blending with the motherboard I/O and cooling additional components like high-speed LAN controllers.

They signal EK going back to its roots and showing the enthusiasm that EK is known for.



# EK<sup>®</sup> Quantum Inertia

Standalone Reservoirs



These stand-alone pump tops complement EK-Quantum reservoirs and combo options. With an option to separate your pump and reservoir, Inertia tops bring even more versatility to the already wide portfolio of products.

Satisfying the needs of every user with options that align the aesthetic of the Quantum Line.



# EK® Quantum Power Kits



## EK-Quantum Power Kit D-RGB P240 EK-Quantum Power Kit D-RGB P360

These Kits are based on EK's successful RGB kits, but this time with complete D-RGB support and all-Quantum Line products, with various added accessories.

The Kits are aimed at enthusiasts who have powerful PC hardware and want a very high-end solution for cooling that hardware without having to pick custom loop parts themselves.



# EK<sup>®</sup> Loop Accessories



- Loop Connect - Level Sensor
- Loop Connect - Flow Meter
- Loop Connect - Plug Sensor
- Loop Connect - USB External Cable

Additional accessories for the EK-Connect, these products allow you to monitor and control every part of your loop.

From measuring your flow, temperature sensing directly on the G1/4" plug, to a sensor that warns you if the coolant level drops, EK-Connect accessories offer everything you need to keep your loop working optimally.



# EK® Classic Kits D-RGB



**EK-Classic Kit D-RGB P240**

**EK-Classic Kit D-RGB P360**

**EK-Classic Kit D-RGB S240**

**EK-Classic Kit D-RGB S360**

Upgraded and improved true mainstream liquid cooling kits that are targeting customers who are just entering the custom loop liquid cooling market.

With added accessories that ease the loop building process, they are perfect for both the price-conscious customers and custom liquid cooling loop beginners. They come with full D-RGB support for ultimate lighting customization.



# EK® Easy Cooling Air Cooling

Starting with EK-AIR series products, EK makes products for people who are interested in aftermarket cooling but are not yet ready to make the leap into liquid cooling.

With single and dual-tower options, these air coolers provide modern D-RGB lighting, premium build quality, modern aesthetics, and great cooling.

