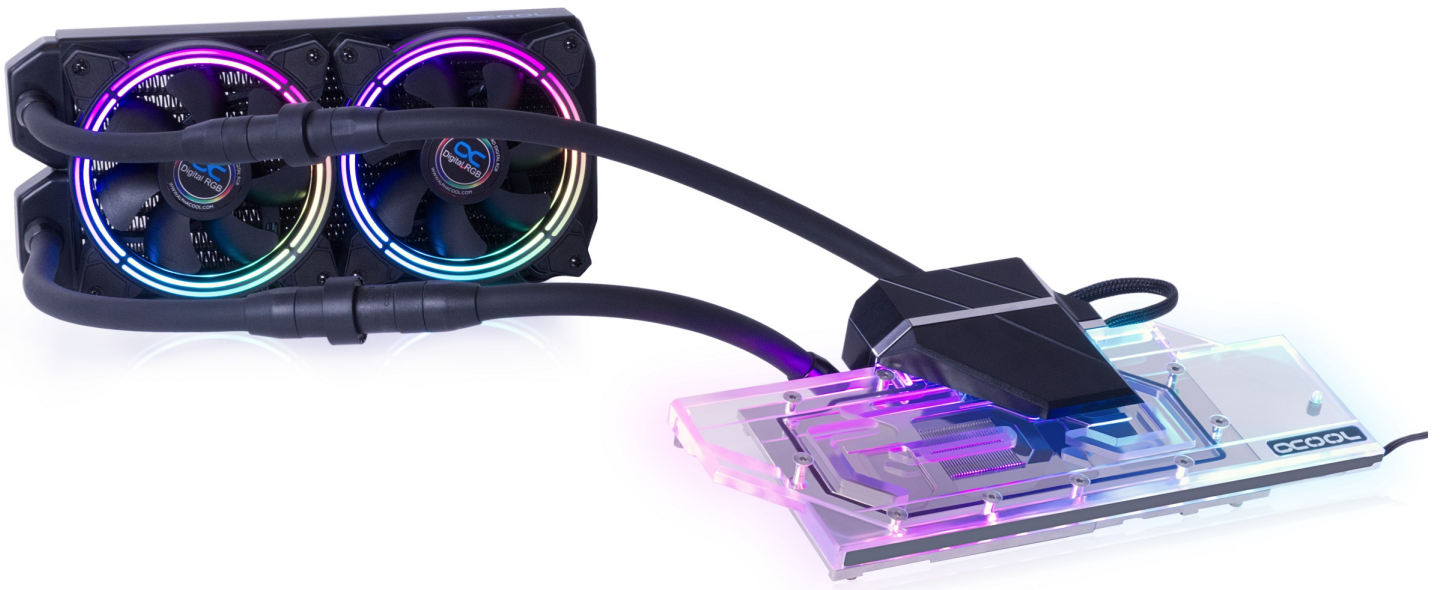


Alphacool Eiswolf 2 AIO - 240mm RTX 2080/2080Ti FE (2070 & 2080 Super)

Alphacool article number: 11780

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Quick Info

The Alphacool Eiswolf 2 is the first full cover GPU AIO waterblock from Alphacool. It is based on the Alphacool GPX Eisblock Aurora GPX water block, a pump unit and a 240mm NexXoS ST30 full copper radiator. The latter is equipped with the Alphacool Lux Pro Digital RGB fans.

- Full copper radiator
- Virtually silent DC-LT 2 pump
- Nickel-plated copper cooler
- Digital aRGB illuminated cooler
- Digital aRGB 120mm fans

Compatibility

Gigabyte GeForce RTX 2060 Gaming OC 6G, 6GB GDDR6, HDMI, 3x DP
Gigabyte GeForce RTX 2060 SUPER Gaming OC 8G, 8GB GDDR6, HDMI, 3x DP
ASUS Turbo GeForce RTX 2070, TURBO-RTX2070-8G, 8GB GDDR6
EVGA GeForce RTX 2070 XC Black Edition Gaming, 8GB GDDR6
EVGA GeForce RTX 2070 XC Ultra Gaming, 8GB GDDR6
KFA2 GeForce RTX 2070 OC, 8GB GDDR6, HDMI, 3x DP, USB-C
MSI GeForce RTX 2070 Aero 8G, 8GB GDDR6
Palit GeForce RTX 2070 GamingPro OC V1, 8GB GDDR6
Palit GeForce RTX 2070 GamingPro OC, 8GB GDDR6
Palit GeForce RTX 2070 Dual, 8GB GDDR6
ASUS Turbo GeForce RTX 2070 SUPER Evo, TURBO-RTX2070S-8G-EVO, 8GB GDDR6
EVGA GeForce RTX 2070 SUPER Black Gaming, 8GB GDDR6, HDMI, 3x DP
Gigabyte GeForce RTX 2070 Gaming OC 8G, 8GB GDDR6
Gigabyte GeForce RTX 2070 Super Gaming OC 8G, 8GB GDDR6
Gigabyte GeForce RTX 2070 SUPER Windforce OC 8G, 8GB GDDR6, HDMI
EVGA GeForce RTX 2070 SUPER Black Gaming, 8GB GDDR6, HDMI, 3x DP
Palit GeForce RTX 2070 SUPER X, 8GB GDDR6, HDMI, 3x DP
Zotac Gaming GeForce RTX 2070 SUPER Twin Fan, 8GB GDDR6, HDMI, 3x DP
ASUS Turbo GeForce RTX 2080, TURBO-RTX2080-8G, 8GB GDDR6
EVGA GeForce RTX 2080 XC Gaming, 8GB GDDR6
EVGA GeForce RTX 2080 XC Ultra Gaming, 8GB GDDR6
Gigabyte GeForce RTX 2080 Gaming OC 8G, 8GB GDDR6
Gigabyte GeForce RTX 2080 Turbo 8G, 8GB GDDR6
Gigabyte GeForce RTX 2080 Turbo OC 8G, 8GB GDDR6
Gigabyte GeForce RTX 2080 Windforce OC 8G, 8GB GDDR6
INNO3D GeForce RTX 2080 Gaming OC, 8GB GDDR6
INNO3D GeForce RTX 2080 Jet, 8GB GDDR6
KFA2 GeForce RTX 2080 OC, 8GB GDDR6, HDMI, 3x DP, USB-C
Manli GeForce RTX 2080 Gallardo, 8GB GDDR6, HDMI, 3x DP, USB-C
MSI GeForce RTX 2080 Aero 8G, 8GB GDDR6, HDMI, 3x DP, USB-C
MSI GeForce RTX 2080 Duke 8G OC, 8GB GDDR6, HDMI, 3x DP, USB-C
MSI GeForce RTX 2080 Sea Hawk X, 8GB GDDR6
MSI GeForce RTX 2080 Ventus 8G OC, 8GB GDDR6, HDMI, 3x DP, USB-C
MSI GeForce RTX 2080 Ventus 8G, 8GB GDDR6, HDMI, 3x DP, USB-C
Nvidia GeForce RTX 2080 Founders Edition
Palit GeForce RTX 2080 GamingPro OC, 8GB GDDR6
Palit GeForce RTX 2080 GamingPro, 8GB GDDR6
PNY GeForce RTX 2080 XLR8 Gaming OC Triple Fan, 8GB GDDR6
PNY GeForce RTX 2080 XLR8 Gaming OC Twin Fan, 8GB GDDR6
Zotac GAMING GeForce RTX 2080 AMP! Edition, 8192 MB GDDR6
ASUS Dual GeForce RTX 2080 Ti Advanced, DUAL-RTX2080TI-A11G
ASUS Dual GeForce RTX 2080 Ti OC, 11GB GDDR6

ASUS Turbo GeForce RTX 2080 Ti, TURBO-RTX2080TI-11G, 11GB GDDR6
EVGA GeForce RTX 2080 Ti 11GB
EVGA GeForce RTX 2080 Ti 11GB BLACK
EVGA GeForce RTX 2080 Ti Gaming, 11GB GDDR6, HDMI, 2x DP, USB-C
EVGA GeForce RTX 2080 Ti XC
EVGA GeForce RTX 2080 Ti XC ULTRA GAMING
EVGA GeForce RTX 2080 Ti XC2 Ultra Gaming, 11GB GDDR6
Gainward GeForce RTX 2080 Ti Phoenix GS, 11GB GDDR6
Gainward GeForce RTX 2080 Ti Phoenix, 11GB GDDR6
GIGABYTE GeForce RTX 2080 Ti GAMING OC 11G
Gigabyte GeForce RTX 2080 Ti Turbo OC 11G, 11GB GDDR6
Gigabyte GeForce RTX 2080 Ti Windforce 11G, 11GB GDDR6
GIGABYTE GeForce RTX 2080 Ti WINDFORCE OC 11G
Inno3D GeForce RTX 2080 Ti Gaming OC X3, 11GB GDDR6
Inno3D GeForce RTX 2080 Ti Gaming OC, 11GB GDDR6
Inno3D GeForce RTX 2080 Ti Twin X2, 11GB GDDR6
KFA2 GeForce RTX 2080 Ti Dual Black [1-Click OC], 11GB GDDR6, HDMI, 3x DP
KFA² GeForce RTX 2080 Ti OC, 11GB GDDR6
MSI GeForce RTX 2080 Ti Duke 11G OC, 11GB GDDR6
MSI GeForce RTX 2080 Ti Duke 11G, 11GB GDDR6
MSI GeForce RTX 2080 Ti Sea Hawk X, 11GB GDDR6
MSI GeForce RTX 2080 Ti Ventus 11G, 11GB GDDR6
Nvidia Geforce RTX 2080Ti Founders Edition
Palit GeForce RTX 2080 Ti Dual, 11GB GDDR6
Palit GeForce RTX 2080 Ti GamingPro OC, 11GB GDDR6
Palit GeForce RTX 2080 Ti GamingPro, 11GB GDDR6
PNY GeForce RTX 2080 Ti XLR8 Gaming Overclocked, 11GB GDDR6
Zotac GAMING GeForce RTX 2080 Ti Triple Fan
Zotac Gaming GeForce RTX 2080 Ti Blower, 11GB GDDR6
EVGA GeForce RTX 2080 SUPER Black Gaming, 8GB GDDR6, HDMI, 3x DP
MSI GeForce RTX 2080 SUPER Ventus, 8GB GDDR6, HDMI, 3x DP
PNY GeForce RTX 2080 SUPER Blower, 8GB GDDR6, HDMI, 3x DP

Scope of delivery

1x Alphacool Eiswolf 2	8x M3x30 screws
1x mounting set GPU cooler	8x M3x5 screws
1x radiator	1x Y-Adaptor 4-Pin PWM
2x fans	1x Thermal Grease
10x M2x5 screws	1x 3-Pin JST to 3-Pin 5V adaptor
2x screw plug	1x Allen Key
1x Plug tool	

Technical data radiator

L x W x H	278 x 124 x 30mm (+/- 3%)
Material cooling fins, chambers & channels	Copper
Material threads	Brass
Material outer housing	stainless steel
G 1/4" threads	2 x for tubes (+ 1x Fillport G1/4")
For fan size	120 mm
Possible fan assembly	2 x one-sided / 4 x both-sided

Technical data cooler and pump

L x W x H	263,7 x 130,9 x 46,2mm
Material cooler bottom	Nickel plated copper
Material cooler top	PMMA
Threads	2 x G1/4"
Pump type	DC-LT 2
Pump speed	2600 rpm (+/- 10%)
Head of delivery	1 m
Maximum flow rate	72 L/h
Voltage	6-13.5V DC
Power consumption	3.2W
MTBF	50.000 h

Technical data liquid

Color	clear
Ingredient 1	Distilled water (CAS-number 7732-18-5)
Ingredient 2	Glysantin (CAS-number 1017-21-1)
Working temperatures	-15 C° / +90 °C

Technical data quick fasteners

L x D	95 x 27mm
Material	Nylon
For tube size	12,7 / 7,6mm
Color	Black

Technical data fittings

L x D straight fitting	28 x 20mm
Quantity straight fittings	2x
L x B x H 90° fitting	35 x 27 x 17mm
Quantity 90° fittings	2x
For tube size	12,7 / 7,6mm
Material fittings	Brass

Technical data tube

Length	40cm
Material tube	TPV (EPDM/PP)
Color	Matt black
Tube size	12,7 / 7,6mm
Hardness grade	35 Shore-A to 50 Shore-D
Working temperature	-50 to +155 °C

Technical data fan

Speed	800 - 2000 RPM
Static pressure	2,0 mm H2O
Air flow rate	104,49 m³/h
Bearings	Hydraulic bearing
Fan connector	4-Pin PWM
Connection Digital aRGB	3-Pin JST + 3-Pin 5V
Dimensions	120 x 120 x 25mm

Download links

Manuals	11780_Alphacool_Eiswolf_2_AIO_-_240mm_RTX_2080-2080Ti_FE_(2070__2080_Super)_Manual(1).pdf 11780_Alphacool_Eiswolf_2_AIO_-_240mm_RTX_2080-2080Ti_FE_(2070__2080_Super)_Manual(2).pdf
Safety data sheet	11780_Alphacool_Eiswolf_2_AIO_-_240mm_RTX_2080-2080Ti_FE_(2070__2080_Super)_SDS.pdf
Product pictures	11780_Alphacool_Eiswolf_2_AIO_-_240mm_RTX_2080-2080Ti_FE_(2070__2080_Super)_pics.zip

Packaging dimensions per unit

L x W x H	420 x 370 x 150 mm
Weight	3700 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197117807
Customs code	84195080900

The Alphacool Eiswolf 2 is the first full cover GPU AIO waterblock from Alphacool. It is based on the Alphacool GPX Eisblock Aurora GPX water block, a pump unit and a 360mm NexXoS ST30 full copper radiator. The latter is equipped with the Alphacool Aurora Rise Digital RGB fans.

Fullcover Waterblock?

The Eiswolf 2 graphics card AIO water block not only cools the GPU with liquid but also all relevant components that require active cooling. This includes the graphics memory, the VRM and, if necessary, other components that require direct cooling. By using the Eisblock GPX Aurora water cooler, the cooling capacity is identical to that of a DIY graphics card water cooler.

Pump

The Eiswolf 2 has a pump unit in place of the normal connection terminal. This pump unit houses the DC-LT 2 pump. An improved and quieter version of the well-known DC-LT Low Noise Ceramic Pump. Despite looking rather large, the pump unit is only 5 mm wider than a normal connection terminal.

Fittings and Tubing

As with all new AIO units, Alphacool uses only TPV hoses from the Enterprise Solution range for (usually reserved for servers and workstations) in the Eiswolf 2. The tubing is made of EPDM/PP and are extremely heat-resistant, durable, and free of plasticizers. All fittings are also based on the Enterprise Solution range and match the TPV hoses perfectly.

Expandability

By using the quick-release fastener, the Eiswolf 2 can be connected to another Alphacool AIO unit to achieve a larger loop in seconds. Alphacool offers various prefilled components with which the loop can be easily extended. For safety reasons, the quick-release fasteners are firmly screwed together and not just plugged together.

Lighting and fans

The Eiswolf 2 cooler has a digital RGB LED lighting, also called addressable RGB LEDs. They run along the entire back of the graphics card cooler and provide complete illumination of the water cooler. The pump unit is more discreet and offers a green glowing logo for Nvidia and a red glowing logo for AMD cards. The name "Eiswolf" on the pump unit remains unlit, discreetly in the background. The Lux Pro fans, as known from the Eisbaer Aurora series, are also used for the Eiswolf 2. They also have an extraordinary lighting with Digital RGB LEDs.

NexXoS Radiator

As with all AIO units, Alphacool uses radiators from the world renowned NexXoS series. The full copper radiators offer a much higher cooling capacity than aluminium radiators and have contributed significantly to Alphacool's worldwide success.

The combination of all of the components results in a solution that is as simple as an AIO solution to install, but with the performance of a pre-assembled and prefilled custom loop.

A suitable backplate can be found under the following article number: 12959

Technical note!

Due to long storage times and various transport routes, the liquid in the Eiswolf 2 AIO remains still for a long time. The ingredients of the liquid can therefore deposit and lead to a brownish discoloration. As soon as the pump starts operating, the ingredients mix again and the liquid should regain an approximately clear color. This is not a reason for complaint as neither the performance nor the function of the AIO are restricted by this. If the discoloration of the cooling liquid does not disappear after the AIO has been put into operation, please contact our support team via E-Mail (info@alphacool.com). You will receive quick and uncomplicated help there.