Alpenföhn® Gletscherwasser 360 White

White premium complete water cooling system with digitally addressable RGB lighting

Product description

With the Gletscherwasser, Alpenföhn presents a premium complete water cooling system with digitally addressable RGB lighting in collaboration with overclocking legend Roman "der8auer" Hartung. The included Wing Boost 3 ARGB fans and the Thermal Grizzly Hydronaut thermal compound round off the package and offer uncompromising performance and quiet operation at the same time. The interchangeable logo plate also enables customised designs. Gletscherwasser offers full compatibility with Ryzen 5000 / Zen 3. The water cooling system is assembled in Germany!
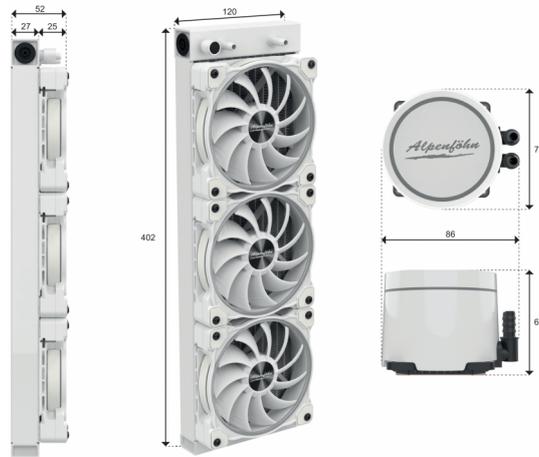
Main features

- Complete water cooling system in collaboration with overclocking legend Roman "der8auer" HartungQuiet and powerful pump with 3-phase motorThermal Grizzly Hydronaut thermal pastePre-filled and completely maintenance-freeWingBoost 3 ARGB premium fanReplaceable logo platesSecure mounting system

Alpenföhn® Gletscherwasser 360 White Technical data

Dimensions in mm

Cooler properties

Article number	84000000195
Dimension	86 mm x 75 mm x 62 mm
Pump dimensions	86 mm x 75 mm x 62 mm
Noise level	17.8 dB(A)
Cooler connection	3-pin
Operating voltage	12 VDC
Input current	0.2 A
Power consumption	2.4 W
Speed until model year 2024	1200 U/min - 2550 U/min
Speed from model year 2024	2550 U/min
Base plate	Copper
RGB voltage	5 V
RGB input current	0.45 A
Radiator dimension	402 mm x 120 mm x 27 mm
Radiator Material	Aluminium
Thermally conductive paste	Thermal GrizzlyHydronaut
Hose length	46.5 cm
RGB receiver load capacity	2.5 A

Wing Boost 3 ARGB White High Speed

Dimension	120 mm x 120 mm x 25 mm
Operating voltage	12 VDC
Voltage range	7 - 13.2 VDC
Warehouse	Fluid Dynamic bearing
Fan connection	4-pin pwm / 3-pin argb
Speed	500 U/min - 2200 U/min
RGB voltage	5 V
RGB input current	0.57 A
Air flow rate	132.4 m³/h
Noise level	36.8 dB(A)
Static pressure	3.24 H2O
Input current	0.32 A
Power consumption	3.84 W

Alpenföhn® Gletscherwasser 360 White Further data

Pump

The diamond-cut copper base plate of the pump unit has large micro-channels to quickly and efficiently dissipate the waste heat from the processor to the cooling circuit. 1200 rpm to 2550 rpm offer an extremely balanced performance spectrum to provide the necessary resources for your application in every situation. Decide for yourself whether you want maximum overclocking or subjectively silent silence for your silent project. An intelligent cooling circuit in a two-chamber design inside the pump housing also reduces the background noise of the pump unit and increases the cooling performance and service life compared to conventional designs. The pump housing and pump cover are elaborately finished with piano lacquer after the injection moulding process.

Radiator

Gletscherwasser relies on a high-performance radiator made of aluminium. For even more safety in your system, this radiator has a "leak-free" design. In the very unlikely event of a leak in the cooling system, the pressure in the cooling circuit is automatically regulated, preventing any possible leakage of coolant. So your hardware is always SAFE.

Thermal paste

With its excellent thermal conductivity, the Thermal Grizzly Hydronaut can also be used for overclocking. It was specially developed for use with large heat sinks, which are used in water cooling systems, for example. Advantages: No curing, silicone-free and not electrically conductive.

Wing Boost 3 ARGB

With 16.8 million colours, the Wing Boost 3 ARGB offers numerous possibilities for setting the case in a unique light. The addressable RGB LED lighting is integrated into the fan frame and casts a soft glow onto the impeller and radiates stylishly outwards.

Airflow-optimised fan blades

The rotor has been optimised for low speed thanks to a new pitch angle of the fan blades in order to achieve a significantly higher volume flow, total pressure and outlet speed at the same speed compared to other fans. Thanks to Wing Boost 3 technology, air turbulence at the impeller is greatly reduced to ensure even quieter operation at full speed.

IC motor control

High-quality IC motor control minimises electrical noise to a minimum, especially in the low speed range.

Fluid Dynamic bearing

By using the fluid dynamic bearing, we can realise low-vibration and whisper-quiet operation of the fan.

PWM speed control

The new Wing Boost 3 supports speed control using the PWM signal from the mainboard.

De-vibration pads

The de-vibration pads minimise the often annoying noise transmitted to the housing by the vibrations of the fan thanks to their

* Thermal and mechanical compatibility may vary depending on the system used
** According to manufacturer specifications

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excellent anti-vibration properties.

Do it yourself!

Realise your dream project with the included logo plates of the pump unit. All plates can be freely aligned in a 90° rhythm. Need even more creativity? No problem! The transparent logo plate gives your creativity free rein: ideal for your own logos, clan motifs and much more. Simply turn the bayonet lock on the pump head, fit the logo plate and close it again. That's it? Yes - WOW that's easy!

Comprehensive accessories

The remote control supplied enables the Gletscherwasser to be used in systems that do not provide a connection for addressable RGB components. Using the remote control and receiver, the effect mode, speed and brightness of the Gletscherwasser and Wing Boost 3 ARGB can be synchronised. All required cables such as ARGB splitters or PWM splitters are included in the scope of delivery!

Compatibility

All mounting components are black in colour. The mounting material included in the scope of delivery provides a secure hold on the sockets:Intel® LGA: 1700 (UpgradeKit), 1200, 1150, 1151, 1155, 1156, 1366, 2066, 2011-v3, 2011AMD: TR4, sTRX4, AM5, AM4, AM3+, AM3, AM2+, AM2, FM1

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