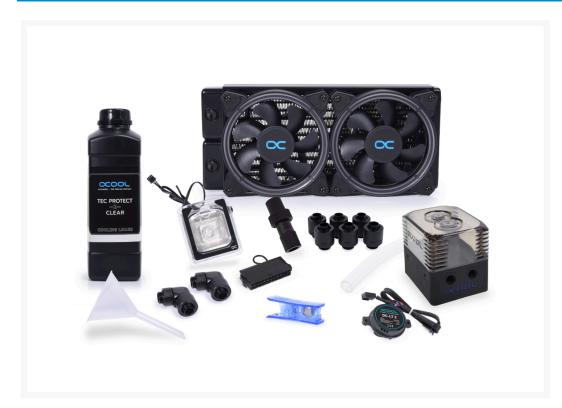# Alphacool Core Wind 240mm ST30 water cooling Set

$226.95

Product Images

Short Description

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With the Core Wind water cooling kit, Alphacool provides all the components needed to get started in the world of water cooling. The set is aimed not only at beginners, but also at enthusiasts. The selected components are optimally matched and come from Alphacool's DIY program. The choice of materials is still uncompromisingly based on copper or brass for all metals in order to guarantee performance-oriented CPU cooling. Due to the included quick-release fastener, additional components like radiators or GPU coolers can be integrated afterwards without having to drain or rebuild the water loop.

Features

Eisblock Aurora XP³ Light CPU-Cooler
With the Eisblock Aurora XP³ Light you get a very compact CPU water cooler for all common mainstream sockets from AMD and Intel. The nickel-plated copper cooler base has an area of 56 x 56mm with cross-slot structure and 0.4 x 0.4mm thick pins through which the water can flow. Due to the extremely large cooling surface, the water can effectively absorb and dissipate heat from the cooler base. The Aurora design in conjunction with the 9 addressable digital aRGB LEDs offers many options for outstanding CPU water cooler illumination.

Eisstation DC-LT Reservoir & DC-LT 2 Pump
The Eisstation reservoir is extremely compact and flexible in use due to a variety of mounting options. Three G1/4" connections allow uncomplicated integration into the water loop. The additional G3/8" connection facilitates the filling of the reservoir. The DC-LT 2 pump is installed in the bottom of the Eisstation and is not visible from the outside. Due to its design, the pump is extremely quiet without having to sacrifice performance.

NexXxoS ST30 Full Copper 240mm Radiator V.2
All water-bearing parts and the cooling fins are made of pure copper. Thus, the NexXxoS ST30 achieves the highest thermal conductivity value of all radiators on the market and can easily dissipate extremely high waste heat. The radiator has two IN or OUT connections with G1/4" threads in the pre-chamber area. On the opposite side is a fill or vent port, which can be used to fill and drain the water loop.

Eiszyklon Aurora LUX PRO Digital RGB Fan (120x120x25mm)
The Eiszyklon Aurora LUX Pro fan offers a wide range of control as well as superior digital aRGB LED lighting. The individually controllable 5V aRGB LEDs coupled with the special design of the fan frame create unique lighting effects. The fan can be controlled from 800 to 2000 rpm via the 4-pin PWM connector. At 800 rpm, the fan is nearly silent, but still provides good airflow paired with high static pressure.

AlphaTube HF 13/10mm tubing & HF G1/4" quick connect coupling
The clear 13/10mm hose made of PVC offers comfortable handling when routing and connecting water cooling components. It has good routing and kinking characteristics and allows uncomplicated bridging of tight bend radii. The HF quick-connect coupling included in the scope of delivery allows easy integration of further components at a later date without having to drain or rebuild the water loop.

Eiszapfen 13/10mm G1/4" Connections
All the requirements for a connection are met here: Highflow, shape, machining and coloring. Special manufacturing processes firmly bond the coating to the substrate. This increases the longevity of the color and prevents the coating from flaking off.

Thermal Paste & Coolant
The included thermal paste is Alphacool's Subzero with a thermal conductivity of 16 W/mk. The electrically non-conductive Thermal Grease is particularly well suited for high contact pressures, but can still be processed perfectly due to its viscosity of 850,000 TF. Tec Protect 2 Clear in the 1 liter bottle is used as the coolant. Tec Protect 2 Clear is a ready-to-use mixture that already contains all the necessary additives and can be used straight from the bottle.

aRGB Controller, Cables, Tools & Accessories
All cables (aRGB, PWM) and controllers needed to use & control the pump, fan and aRGB lighting are included. The accessory package also includes important tools like hose cutter, filling bottle and an ATX 24-pin jumper. Thus, the construction of the custom loop can be started "out-of-the-box" immediately.

Compatibility:
Intel: 1056 / 1155 / 1150 / 1151 / 1200 / 1700 / 2011 / 2011-3 / 2066
AMD: AM2 / AM2+ / AM3 / AM3+ / AM4 / AM5

Specifications

Technical data CPU cooler

Dimensions (L x W x H)	73 x 63 x 21mm
Material cooler	nickel-plated copper
Material housing	acrylic
Threads	2 x G1/4"
Illumination	3-Pin 5V, 9 digital aRGB LEDs
Max working temperature	60°C
Pressure tested	0,8 Bar

Technical data reservoir

Dimensions (L x W x H)	102 x 82 x 85mm
Capacity	250 ml
Material housing	nylon, PMMA
Threads	3x G1/4" IT | 1x 3/8" IT
Illumination	4x 5mm LED
Max working temperature	60°C
Pressure tested	0,8 Bar

Technical data pump

Dimensions (L x W x H)	52 x 41 x 18mm
Material	synthetic material, ceramics
Threads	3-Pin JST
Speed	2600 rpm
Operating voltage	7 - 13,5V
Power consumption	3.2W
Maximum pumping head	0,95m
Maximum flow rate	75L/h
Max working temperature	60°C
Pressure tested	0,8 Bar

Technical data radiator

Dimensions (L x W x H)	271,5 x 124 x 30mm (+/- 3%)
Material cooling fins, pre-chambers & channels	copper
Material threads	brass
Material outer housing	stainless steel
Threads	4x G1/4" IN/OUT & 1x Fill-/Drainport G1/4"
Possible fan size	120mm
Possible fan assembly	2x one-sided / 4x both-sided

Fin density	15
Max working temperature	60°C
Pressure tested	0,8 Bar

Technical data fan

Dimensions (L x W x H)	120 x 120 x 25mm
Speed	800 - 2000 RPM (+/- 10%)
Threads	4-Pin PWM
Voltage	12V DC
Current consumption	4,8W
Static pressure	2,0 mm H2O
Max. air flow	104,49 m³/h
Speedometer signal	yes
Illumination	3-Pin 5V, 16 digital aRGB LEDs

Technical data tube

Dimensions (outer/inner)	13/10mm
Material	PVC
Length	3m
Color	clear

Technical data 13/10mm G1/4" fittings

Material	brass
Threads	1x G1/4" OT | 1x tube connection 13/10mm
Color	black

Technical data quick release coupling

Dimensions (L x D)	60,3 x 26,1mm

Material	synthetic material
Threads	2x G1/4" IT
Color	black

Technical data coolant

Ingredients	osmose water(93,8%), glysofor L (4,2%), RHOBA KLA (2%)
Boiling point	105°C
Freezing point	-10°C
Packaging unit	1L bottle
Color	clear (not UV-active)

Technical thermal grease

Viscosity (mPa. s)	3.000.000
Specific Gravity (g/cm³)	2,7
Thermal Conductivity (w/m-K)	16
Temperature Stability (Degree Celcius)	-50 ~ 200
Color	gray

Note on application
Please use only in conjunction with clear transparent water cooling fluids. The particles and additives in Pastel liquids can clog and permanently damage water cooling products such as radiators, pumps, coolers and hoses. This can result in voiding the manufacturer's warranty as well.

Technical details

Manufacturer:	Alphacool
Socket:	Intel 2011(-3), AMD AM4, Intel 2066, Intel LGA 1200, Intel 115x, Intel LGA 1700, AMD AM3/AM3( )/AM2/AM2( )/FM2/FM1, AMD AM5
Prefilled:	No
Hose dimensions:	13/10mm
Radiator size:	240mm

Radiator Thickness: 29 - 39mm

Radiator Dimension: 271,5 x 124 x 30mm

Additional Information

Brand	Alphacool
SKU	AC-11984
Weight	11.8000
Color	Black
Block CPU Type	Intel/AMD
Pump Type	Other
Radiator Size	240 (2 x 120mm)
Radiator Thickness	30mm
Reservoir Type	Free Standing Tank
Vendor SKU/EAN	4250197119849