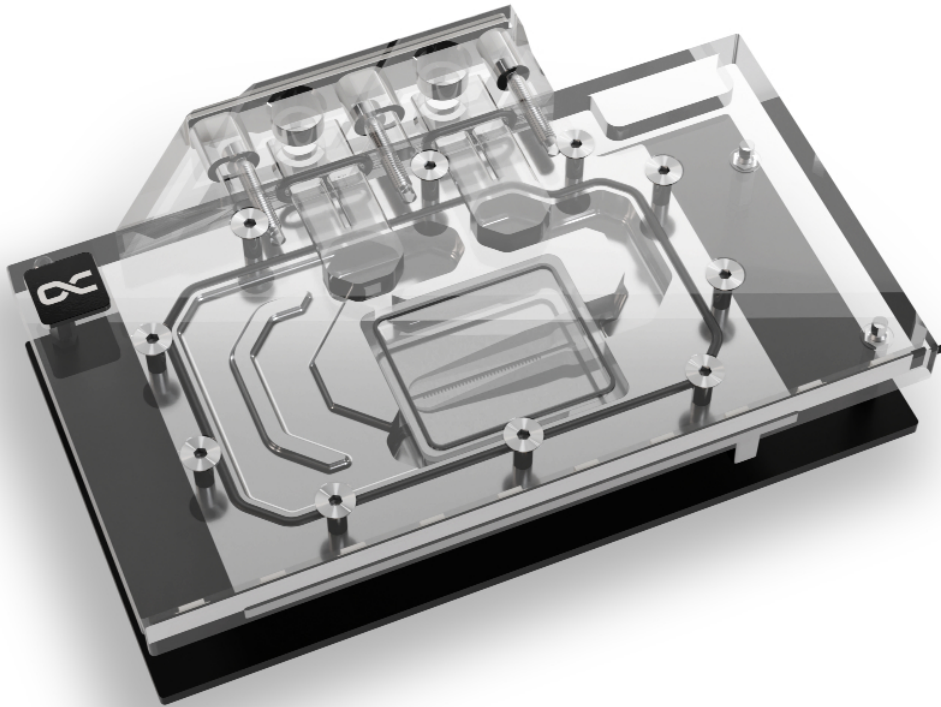


Alphacool Eisblock Aurora Arc B580 Steel Legend + Challenger with Backplate

Alphacool article number: 10274



Quick Info

The Alphacool Eisblock Aurora Arc B580 Steel Legend + Challenger offers the perfect balance of aesthetics and performance. Engineered specifically for Intel Arc B580 ASRock Steel Legend and Challenger graphics cards, this GPU water block is precisely matched to the card's PCB layout. It combines technical refinement and optimized coolant flow with a sleek, minimalist design and integrated RGB lighting.

- Fullcover water block
- Chrome plated copper cooler
- Brilliant digital aRGB illumination

Compatibility

- ASRock Intel Arc B580 Challenger 12GB OC
- ASRock Intel Arc B580 Steel Legend 12GB OC

Scope of delivery

1x Eisblock Aurora Arc B580 Steel Legend Cooler	1x 51x15x3mm pad
1x Backplate	1x 15x15x3mm pad
1x 25x15x1mm thermal pad	1x 65x8x3mm pad
1x 51x15x1mm thermal pad	7x M2x11 screws
1x 15x8x1mm thermal pad	2x Screw plugs
3x 8x8x1mm thermal pad	1x Plug tool
1x 65x8x1mm thermal pad	1x Thermal grease
1x 40x15x3mm thermal pad	1x RGB adaptor
1x 25x15x3mm pad	1x Putty tool

Technical data cooler

Dimensions (L x W x H)	170,00 x 117,60 x 35,15mm
Material cooler	Chrome-plated copper
Material cooler top	Acrylic
Maximum working temperature	60°C
Pressure tested	0,8 bar
Threads	2x G1/4"
Thickness cooling fins	0,4mm
Illumination	Digital RGB LEDs
Number of digital aRGB LEDs	10
Power connector Digital RGB LEDs	3-Pin JST
Power Digital RGB LEDs	5V

Technical data backplate

Dimensions (L x W x H)	126 x 260 x 5mm
Material	Aluminum
Color	Black

Download links

Manual	10274_Alphacool_Eisblock_Aurora_Arc_B580_Steel_Legend__Challenger_with_Backplate_Manual.pdf
Product pictures	10274_Alphacool_Eisblock_Aurora_Arc_B580_Steel_Legend__Challenger_with_Backplate_pics.zip

Packaging dimensions per unit

L x W x H	350 x 173 x 40 mm
Weight	1714 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197102742
Customs code	84195080900
Guarantee	3 years

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Technical Highlights

The fin structure is based on the proven cooling technology of previous Eisblock generations and has been specifically adapted to meet the demands of the Arc B580 GPU. With a thickness of 0.4 mm and a fin spacing of 0.4 mm, it ensures excellent coolant flow while delivering strong thermal performance.

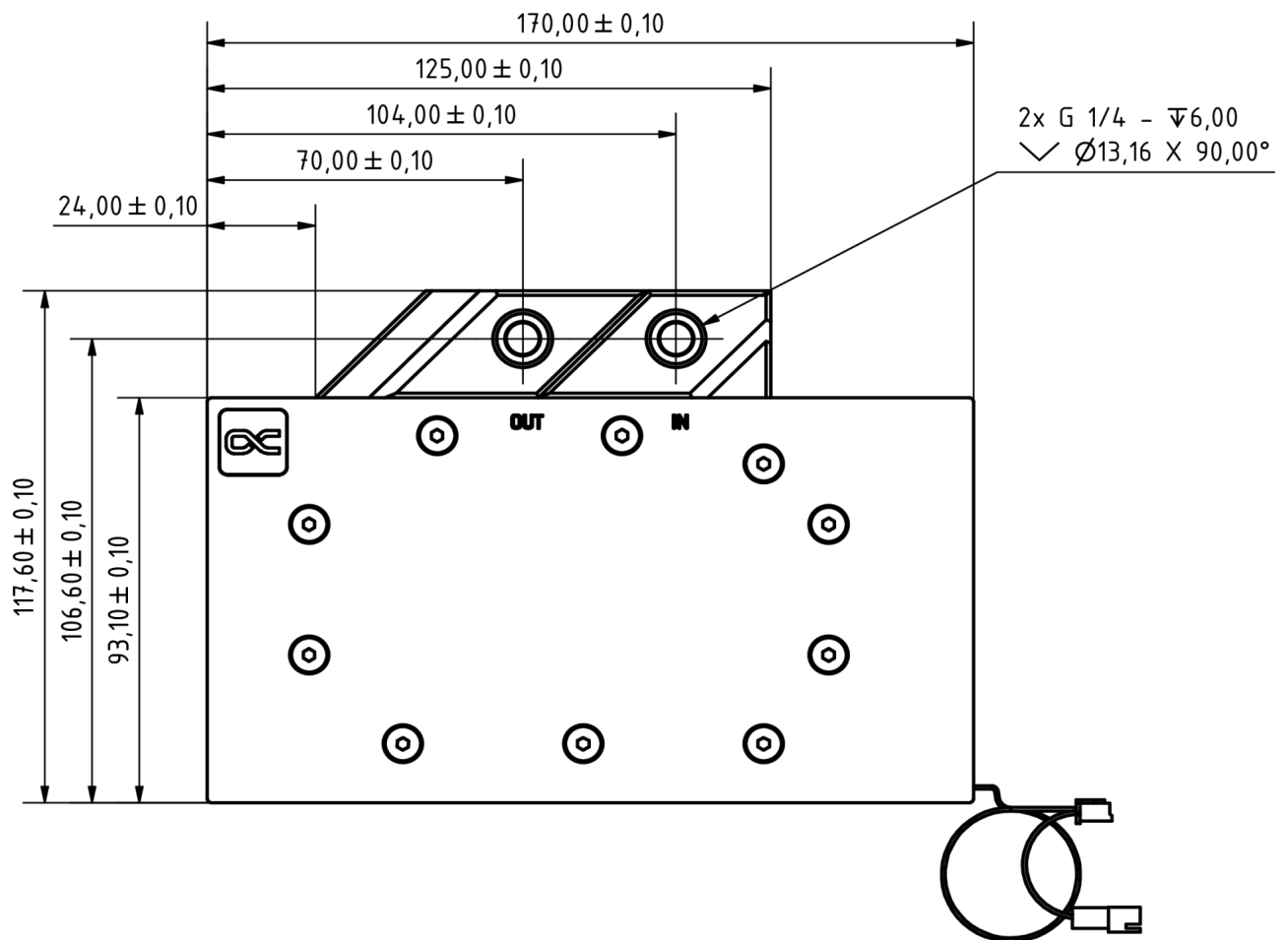
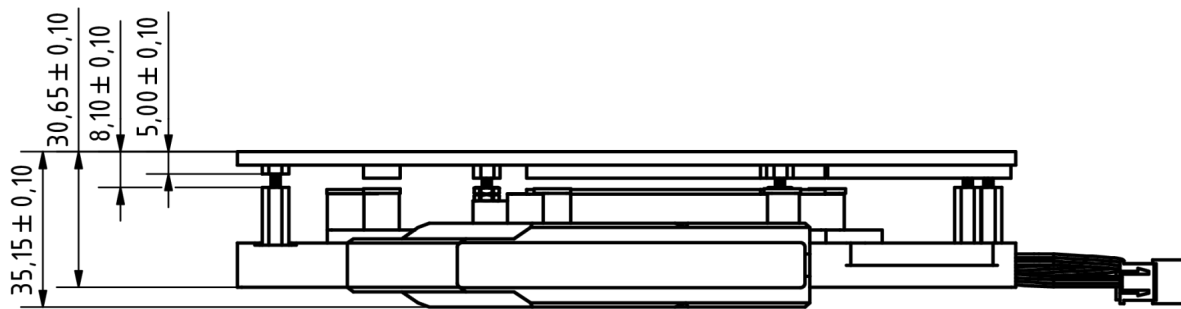
The jet plate features an integrated inlay that helps distribute water pressure more evenly across the fins, improving heat absorption. The refined inlet design further enhances the angle and direction of the coolant flow for maximum efficiency.

Chromed Copper

The block is made entirely of chromed copper. Compared to nickel plating, chrome offers a harder, more durable surface that is more resistant to scratches and chemical influences. Alphacool uses only copper for the cooling plate due to its nearly twice-as-high thermal conductivity compared to aluminum.

Design

Visually, the cooler is sleek and understated. Addressable RGB lighting with ten LEDs runs along the side of the block, providing uniform illumination. The reflective chrome surface inside the block enhances light dispersion, creating a clear and even glow.



General tolerance: ± 0,25mm
 Thickness with graphics card (PCB)
 Dimension in millimeter