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Alpenföhn® Brocken 4 Max

High-performance 250W TDP dual tower for demanding systems

Product description

Matt black surface coating, 6x6mm heatpipes, large asymmetrical heat sink and an aerodynamically optimised fin design - Brocken 4 Max combines pure performance with almost silent operation even with demanding systems.
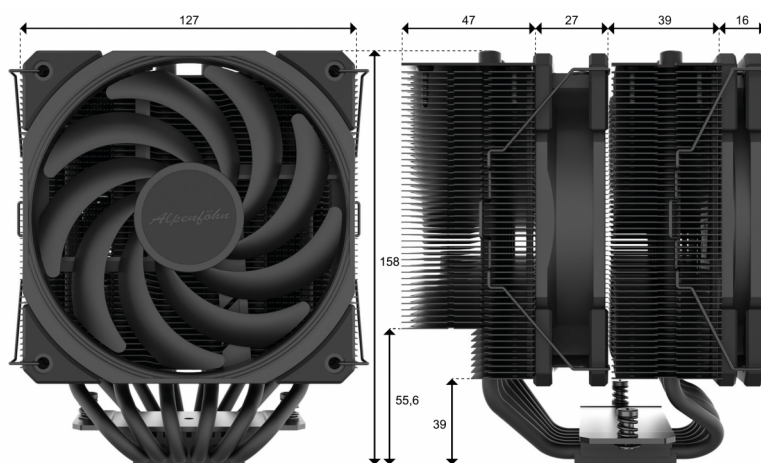
Main features

- Powerful and quiet thanks to the new Jetstream fansDual tower with 6x 6mm heatpipes and 250 W TDPMatt black surface coatingAirflow-optimised fins with decoupling elementsAsymmetrical design of the heat sink for almost 100% RAM compatibility6 high-performance copper heatpipesNickel-plated solid copper base plateRock Mount 3 mounting systemExpandable fan assembly
Mounting brackets/decoupling elements are already included in the scope of deliveryGerman development and quality standards

Alpenföhn® Brocken 4 Max Technical data

Dimensions in mm

Cooler properties

Article number	84000000211
Dimension	127 mm x 129 mm x 158 mm
Operating voltage	12 VDC
Weight	1263 g (incl. fan) g
Heatpipes	6 x 6 mm
Fins	Aluminium
Base plate	Copper
Compatibility AMD	AM5, AM4
Intel compatibility	1700, 1200, 115X, 20XX
Thermally conductive paste	Included

Specification of the 1st fan

Dimension	120 mm x 120 mm x 27 mm
Operating voltage	12 VDC
Voltage range	5 - 13.2 VDC
Warehouse	Hydraulic bearing
Fan connection	4-pin pwm
Speed	400 U/min - 1600 U/min
Air flow rate	94 m³/h
Noise level	22.8 dB(A)
Static pressure	1.74 H2O

Specification of the 2nd fan

Dimension	120 mm x 120 mm x 16 mm
Operating voltage	12 VDC
Voltage range	5 - 13.2 VDC
Warehouse	Hydraulic bearing
Fan connection	4-pin pwm
Speed	400 U/min - 1800 U/min
Air flow rate	89.4 m³/h
Noise level	24.7 dB(A)
Static pressure	1.2 H2O
Input current	0.15 A
Power consumption	1.8 W
Life expectancy @ 25 °C	up to 300.000 h

Alpenföhn® Brocken 4 Max Further data

The completely newly developed JetStream fans

The new JetStream fans set new standards in the Alpenföhn portfolio! An airflow-optimised impeller, a further developed frame and a Next-Gen bearing each ensure outstanding running smoothness with maximum performance. The JetStream's anti-vibration pads also minimise any vibrations.

High-end heatpipes & copper base plate

The 6 high-end heatpipes have a very large connection to the nickel-plated copper base plate and can therefore optimally absorb the waste heat from the CPU. As a result, the heatpipes transport the waste heat from the processor quickly and efficiently to the large heat sink.

Matt black surface coating

The entire heat sink of the Brocken 4 Max has a stylish matt black coating. Black is beautiful - we think so too!

Asymmetrical heat sink

The asymmetrical design of the Brocken 4 Max allows maximum flexibility in the selection of RAM modules. No matter how high the heatspreader of the module may be - it fits easily!100% RAM compatibility on 1700, 1200, 115X, AM5 and AM4 sockets.

Rock Mount 3 mounting system

The RockMount3 mounting system included in the scope of delivery offers a secure hold on the sockets:Intel® LGA: 1700, 1200, 115X, 20XXAMD: AM5, AM4

Expandable fan configuration

For even more performance, additional fan brackets and corresponding decoupling elements are included in the scope of delivery. This allows you to easily mount an additional 120 mm fan on the back of the heat sink and thus increase the cooling performance even further.

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

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