



Der8auer RYZEN 3000 OC Bracket AIO Mount FSD8-033

\$32.50

Product Images



Short Description

This is where professional overclocker Roman Hartung comes into play. Using his *der8auer RYZEN 3000 OC Bracket AIO Mount* the base plate of an AIO can be flexibly positioned on the heatspreader.

Description

AMD's Zen architecture was a milestone in the history of CPU architecture and a stroke of genius by the Texas based chipmaker. Instead of resting on its laurels, AMD has been busy improving the "Zen" processors. The result is the new "Ryzen 3000" processor family based on the "Zen2" architecture with its chiplet design. The Ryzen 9 3900X for example consists of a 12-nm I/O die and two CPU dies manufactured in a 7-nm process.

This chip design however has also changed the layout of the CPU dies on the package, which has also shifted the thermal center point. On a processor with only one CPU die under the heatspreader, the "hot spot" is in the middle of the CPU. Due to the new chip design, the "hot spot" has moved to the edge of the heatspreader.

This has an influence on the cooling behavior of CPU coolers. Especially AiOs (All in One watercoolers) - or CLCs (Closed Liquid Coolers) - with a round cooling block often do not completely cover the corners of the heatspreader. For an optimal cooling performance, the base plate of the AiO would have to be shifted around.

This is where professional overclocker Roman Hartung comes into play. Using his *der8auer RYZEN 3000 OC Bracket AIO Mount* the base plate of an AIO can be flexibly positioned on the heatspreader.

Features

- Overclocking tool by Roman "der8auer" Hartung
- Lowers temperatures by up to 7° C!
- For AMD's Ryzen 3000 CPUs
- Makes flexible positioning of the CPU cooler possible
- Replaces the AM4 bracket on the motherboard
- Please read the notes carefully!

Specifications

der8auer RYZEN 3000 OC Bracket AIO Mount: Important notes and

compatibility

The RYZEN 3000 OC Bracket AIO Mount replaces the AM4 mounting bracket on the motherboard. Accordingly, the RYZEN 3000 OC Bracket AIO Mount is only compatible with AiOs using the "AMD Socket AM4 Retention Mounting Bracket"! In addition, the compatibility of the AM4 motherboard must be taken into account, as some mainboards components such as transistors may prevent installation.

The following motherboards were tested by Roman:

Name	Manufacturers ID	CK part number
ASRock X570 Creator	90-MXBAW0-A0UAYZ	MBAR-308
ASRock X570 Phantom Gaming X	90-MXBAN0-A0UAYZ	MBAR-309
ASRock X570 Steel Legend	90-MXBAR0-A0UAYZ	MBAR-311
ASRock X570 Extreme4	90-MXBAP0-A0UAYZ	MBAR-312
ASRock X570 Phantom Gaming 4	90-MXBAU0-A0UAYZ	MBAR-312
ASRock X570 Pro4	90-MXBAT0-A0UAYZ	MBAR-314
ASUS ROG Crosshair VIII Formula	90MB10Z0-M0EAY0	MBAS-449
ASUS ROG Crosshair VIII Hero	90MB1100-M0EAY0	MBAS-450
ASUS ROG Strix X570-E Gaming	90MB1150-M0EAY0	MBAS-451
ASUS ROG Strix X570-F Gaming	90MB1160-M0EAY0	MBAS-452
ASUS TUF Gaming X570-Plus	90MB1180-M0EAY0	MBAS-454
ASUS Prime X570-P	90MB11N0-M0EAY0	MBAS-457
Gigabyte X570 Aorus Xtreme	X570 AORUS XTREME	MBGB-335
Gigabyte X570 Aorus Master	X570 Aorus Master	MBGB-336
Gigabyte X570 Aorus Ultra	X570 Aorus Ultra	MBGB-337
Gigabyte X570 Aorus Pro	X570 Aorus Pro	MBGB-338
Gigabyte X570 Aorus Elite	X570 Aorus Elite	MBGB-339
Gigabyte X570 Gaming X	X570 Gaming X	MBGB-340
Gigabyte X570 UD	X570 UD	MBGB-342
MSI MEG X570 Godlike	7C34-002R	MBMC-347
MSI Prestige X570 Creation	7C36-002R	MBMC-348
MSI MPG X570 Gaming Pro Carbon WiFi	7B93-001R	MBMC-350

MSI MPG X570 Gaming Edge WiFi	7C37-001R	MBMC-351
MSI MPG X570 Gaming Plus	7C37-004R	MBMC-352
MSI X570-A Pro	7C37-003R	MBMC-353

In addition, other motherboards are compatible with the *RYZEN 3000 OC Bracket AIO Mount*, which needs to be modified by the user himself. These modifications are only recommended for users with the appropriate know how and experience. More information about the necessary steps can be found in the video linked below.

Name	Manufacturers ID	CK part number
ASUS ROG Crosshair VIII Hero (WI-FI)	90MB10T0-M0EAY0	MBAS-448
ASUS Pro WS X570-ACE	90MB11M0-M0EAY0	MBAS-456
Gigabyte X570 I Aorus Pro WiFi	X570 I Aorus Pro WiFi	MBGB-341
MSI MEG X570 ACE	7C35-002R	MBMC-349

So far only X570 motherboards have been tested for compatibility. However, the *der8auer RYZEN 3000 OC Bracket AIO Mount* will also be compatible with a variety of older AM4 motherboards in the ATX and E-ATX form factor. Mini-ITX motherboards often have components in the way, which prevent attaching the kit.

Notes:

Only use AiOs which have a Socket AM4 Retention Mounting Bracket!

Please refer to the list with compatible motherboards and the corresponding notes! It may be necessary to adapt the Bracket AIO Mount (see compatibility lists!).

Detailed and highly recommended assembly instructions are provided in the linked [Video \(external Link\)](#).

The actual temperature reduction that can be achieved by using the *Ryzen 3000 OC Mounting Frame* depends on the CPU and CPU cooler used.

Additional Information

Brand	Der8auer
SKU	FSD8-033
Weight	0.7500
Color	Black
Block Accessory Type	Mount Bracket
CPU Series	AM4/PGA 1331
Vendor SKU/EAN	4250144804040

