

AM5 Contact Sealing Frame

High Performance Cooling Solutions – Made in Germany

The AM5 Contact & Sealing Frame is a combination of Contact Frame and CPU-Guard for AMD's Ryzen-7000 processors. As a Contact Frame, the AM5 Contact & Sealing Frame creates optimal contact pressure of the CPU into the socket, while an optional, included inlay made of silicone foam serves to protect the exposed components on the CPU.

AM5 Contact & Sealing Frame

The precision-milled inner contour of the AM5 Contact & Sealing Frame creates multiple contact points to the heatspreader compared to the standard SAM. These contact points distribute the contact pressure on the CPU evenly. This ensures that the contact surfaces of the CPU rest uniformly on the pins of the socket. For example, problems with the detection of system memory can be avoided this way.

The AM5 Contact & Sealing Frame comes with a silicone foam inlay. This can be placed on the PCB of the processor, similar to the AMD Ryzen 7000 CPU Guard. When installing the AM5 Contact & Sealing Frame, the gap between the heatspreader and the aluminium frame is sealed by the silicone foam by pressing the foam onto the PCB. This prevents thermal paste or liquid metal from getting onto the CPU's unprotected components. The foam inlay is optional when used with thermal pastes, but mandatory when used with liquid metal.

To simplify installation, there is a corresponding marking on the top of the AM5 Contact & Sealing Frame. Since the socket has a bulge on the upper - the "northern" - edge, mounting is only possible in one orientation. Four screws are included for mounting the frame and compatibility with the Thermal Grizzly AM5 backplates is given.



Short informations

- Optimal contact pressure
- Encloses the heatspreader precisely
- Foam inlay to protect the CPU from thermal paste
- Replaces the SAM of the motherboard
- Made of anodized aluminium

Scope of delivery

- 1x AM5 Contact & Sealing Frame
- 1x Insulator Sheet red/black
- 4x UNC 6-32 1/4" Pan-head screws
- 1x Allen key 5/64"
- 1x Aeronaut

Compatibility Note

The AM5 Contact & Sealing Frame is compatible with the APUs of the Ryzen 8000G series as well as the CPUs of the Ryzen 9000 series, including the X3D variants (as of March 2025).

Technical data

Unit:	Value/description:
Material:	Aluminium (EN-AW 7075), anodised, Silicon foam
Colour:	Black, red/black
Typical application:	CPU mounting aid
Length:	70 mm
Width:	55 mm
Height:	6 mm
Package size:	20x15x2,5 cm
*Gross weight:	68 g
*Net weight:	31 g
Item number:	TG-CSF-AM5
EAN-Code:	4260711990878
PU:	10 Pcs.

*Net weight is the total weight of an article excluding the weight of packaging and accessories. The gross weight refers to the total weight of the product including accessories and packaging. Slight weight deviations are possible due to production factors.

Trademark Information

Thermal Grizzly is a registered trademark.

Please note

The data in this technical data sheet are based on our current knowledge and experience. Due to the large amount of possible factors, this should not be construed as to release the users from doing their own tests and screening. No legally binding assurance of specific properties or applicability for a concrete purpose should be derived from these data. Please consider contacting us for further detail. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.