

Ryzen 7000 Direct Die Frame

High Performance Cooling Solutions – Made in Germany

Thermal Grizzly advertises with the slogan „High Performance Cooling Solutions“ and, in cooperation with mechatronics engineer and OC legend Roman „der8auer“ Hartung, has once again substantiated this claim.

With a series of products for AMD's brand new AM5 platform, we are responding to requests from the overclocking scene, the so-called „tech-tubers“ on YouTube and our partners in the industry. This includes, among other things, the AMD Ryzen 7000 Direct Die Frame.

CPU mounting frame for delidded CPUs

The AMD Ryzen 7000 Direct Die Frame is a CPU mounting frame for mounting Ryzen 7000 processors without the integrated heat spreader. By omitting the heat spreader, the CPU cooler can be mounted directly on the processor's chiplets. In the case of Ryzen 7000 CPUs, this would be the I/O die (IOD) and one or two CPU dies (CCDs).

By omitting the heat spreader and mounting the CPU cooler directly on the dies, experience shows that temperatures can be reduced by 10-20°C if liquid metal such as Conductiont is used as a thermal conductive agent (TIM). Corresponding tests were carried out by the content creators and Tech-YouTubers Roman „der8auer“ Hartung, pro-overclocker and engineer, and Jason „JayzTwoCents“ Langevin.

The AMD Ryzen 7000 Direct Die Frame protects the exposed chiplets of the Ryzen 7000 CPU from damage during CPU cooler installation, such as chocking. In addition, the AMD Ryzen 7000 Direct Die Frame protect the CPU cooler from being impaired in its function by too much or too little contact pressure. Especially problems with the RAM are very common here and in the worst case the CPU can become unusable.

Technical data

Unit:	Value/description:
Material:	Aluminium, anodised
Colour:	Black
Typical application:	CPU mounting aid
Length:	70 mm
Width:	53 mm
Height:	4 mm
Package size:	17,5x10x0,5 cm
*Gross weight:	30 g
*Net weight:	16 g
Item number:	TG-DDF-R7000-R
EAN-Code:	4260711990694
PU:	14 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.



Short informations

- Compatible with AMD Ryzen 7000
- Enables mounting of delidded Ryzen CPUs
- Easy mounting
- Anodised aluminium

Scope of delivery

- 1x Ryzen 7000 Direct Die Frame
- 4x pan-head screws UNC thread
- 1x hexagon socket wrench
- 1x angle wrench Torx

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.

Attention. Compatibility note

The AMD Ryzen 7000 Direct Die Frame is NOT compatible with the AMD Ryzen 7 7800X3D processor! Thermal Grizzly will not be held responsible for any damage to the CPU!

This incompatibility of the AMD Ryzen 7800X3D only affects the AMD Ryzen 7000 Direct Die Frame. Processors that are already delidded can be used with the AM5 High Performance Heatspreader and AM5 Mycro Direct Die series water coolers.