Ryzen 7000 Delid-Die-Mate



High Performance Cooling Solutions – Made in Germany

With the Ryzen 7000 Delid-Die-Mate, Thermal Grizzly continues to work on its claim to offer "High Performance Cooling Solutions" for the PC. In collaboration with mechatronics engineer and OC legend Roman "der8auer" Hartung, another tool in the well-known tool series for the safe delidding of processors has been developed. This time, it's the Ryzen 7000 processors that are being tackled.

With a series of products for AMD's brand new AM5 platform, we are responding to requests from the overclocking scene, the area of so-called "tech-tubers" on YouTube and our partners in the industry.

Delidding for „Direct Die“

Delidding involves removing the heat spreader of the processor. Among other things, this allows the CPU cooler to be mounted directly on the CPU dies. In the case of Ryzen 7000 CPUs, this would be the I/O die (IOD) and one or two CPU dies (CCDs), so-called "chiplets".

By omitting the heat spreader and mounting the CPU cooler directly on the dies, experience shows that temperatures can be lowered by 10-20°C if liquid metal such as Conductonaut is used as a thermal conductive agent (TIM). Corresponding tests were carried out by content creators and Tech-YouTubers Roman "der8auer" Hartung [https://www.youtube.-com/watch?v=y_jaS_FZcjI], pro-overclocker and engineer, and Jason "JayzTwoCents" Langevin [https://www.youtube.com/watch?v=Ze-nM-PHO7bw].

Technical data

Unit:	Value/description:
Material:	Aluminium, anodised
Colour:	Black, red
Typical application:	Tool for CPU delidding
Length	74 mm
Width:	70 mm
Height:	19,8 mm
Package size:	11x9,5x4 cm
*Gross weight:	282 g
*Net weight:	223 g
Item number:	TG-DDM-R7000-R
EAN-Code:	4260711990700
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.

Short information

- Compatible with Ryzen 7000 CPUs
- Delidding tool
- Made from aluminium

Scope of delivery

- 1x Ryzen 7000 Delid-Die-Mate
- 2 x Angle wrench
- 1x CPU Cleaning Tool

These enormous temperature improvements through Direct Die are also due to the heat spreader of the Ryzen 7000 processors, among other things. The heat spreaders for the AM5 platform, introduced with Ryzen 7000, are thicker than older heat spreaders, such as AM4. This was done to make older CPU coolers compatible with AM4 also compatible with the AM5 platform. In addition, the surface area of the Ryzen 7000 heat spreaders is significantly smaller at approx. 910 mm² compared to AM4 with 1,300

Why the Delid Die-Mate is worth it

Delidding a processor is done at your own risk and will void the manufacturer's warranty. Even with a CPU that is not soldered, great forces must be applied. With a soldered CPU, these forces are many times higher. Accordingly, there is a risk that the CPU can be damaged during delidding.

The Delid-Die-Mate is manufactured in such a way that the finest tolerances ensure that the applied forces are used at the right place. It is important to note that the delidding process must be carried out according to instructions in order to avoid damaging the CPU. So if you want to delid your processor, or several, the Ryzen 7000 Delid-Die-Mate is the perfect tool.

Compatibility Note

The Ryzen 7000 Delid-Die-Mate 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).

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.

Trademark Information

Thermal Grizzly is a registered trademark.

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