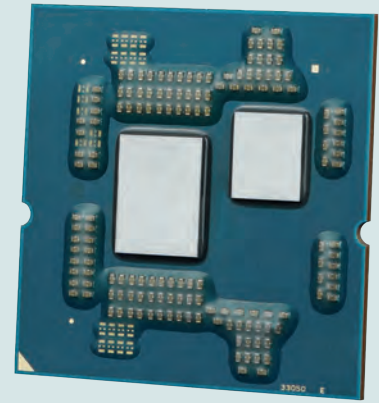


# TG Delidded CPU



## High Performance Cooling Solutions

As a provider of delidding tools and products for delidded processors, Thermal Grizzly is a well-known name among hardware enthusiasts and overclockers. With the TG Delidded CPU, even beginners now have an entry point into the world of maximum cooling performance.

Delidding (from English "to delid," meaning "to remove the lid") refers to the process of removing the processor's heat spreader. This allows direct cooling of the CPU die or chiplets, eliminating the additional heat transfer step through the heat spreader. Depending on the application, this can result in up to 20°C lower temperatures\*. However, delidding carries risks and voids the manufacturer's warranty.

This is where the new TG Delidded CPU comes into play: Thermal Grizzly delids the CPU and takes over the manufacturer's warranty! After the delidding process, our specialists perform a functionality test on the delidded CPUs. A screenshot of this functionality test, along with a microscope image of the delidded CPU, is stored on a USB stick and included in the package. The temperature value shown in the functionality test screenshot serves as a reference and may vary between CPUs due to the "Silicon Lottery" (the inherent variability in chip quality due to manufacturing differences).

The delidded CPU is compatible with Direct-Die cooling solutions such as Mycro Direct-Die, Mycro Direct-Die Pro, or the High Performance Heatspreader. For optimal thermal transfer, we recommend using Conductionaut Extreme on the CPU die or chiplets.

The TG Delidded CPU series launches with the AMD Ryzen™ 7 9800X3D and will be expanded to include more processors, such as the AMD Ryzen™ 9 9950X3D in the future.

*\*It should be noted that the achieved temperature improvements depend on several factors. In addition to the quality of individual processors ("Silicon Lottery"), test results are influenced by room temperature and the cooling solution used, among other variables. For an AiO, for example, cooling performance is affected by factors such as pump speed and the fans used. The specified values serve as reference points and may be higher or lower in individual cases.*

## Technical Data

Unit:	Value/Description:
Package size:	13,4x 13,4 x 4,4cm
EAN code:	4260711991738
Item number:	TG-DEL-CPU-001

## Short Information

- Delidded processor
- Manufacturer's warranty covered by TG
- Includes test protocol (screenshot saved on a USB stick)
- Optimized for TG Direct-Die cooling solutions

## Scope of Delivery

- 1x TG Delidded CPU
- 1x Original CPU packaging
- 1x CPU heat spreader
- 1x USB stick with test data

## 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.

More information can be found in the video by "der8auer".

Link to the video:  
<https://youtu.be/RYLUBvISa7I>