

CPU Contact Frame FOR INTEL 13/14th GEN

High Performance Cooling Solutions – Made in Germany

The 13/14th Gen CPU Contact Frame replaces the stock ILM of the mainboard. Compared to its predecessor, the assembly of the frame has been significantly simplified by a revised inner contour. For example, there is no longer any need to use a specific torque for mounting.

The Contact Frame was designed in collaboration with Roman "der8auer" Hartung and is manufactured in Berlin - 100% Made in Germany. Roman Hartung is a mechatronic engineer, hardware enthusiast and content creator in the field of PC hardware. At the same time, he is a well-known overclocker who has designed numerous products for overclocking PC hardware.

Why use a contact frame?

The standard Integrated Loading Mechanism (ILM) has contact points located in the centre of the elongated CPU. Due to the resulting uneven contact pressure of the processor into the socket, the surface of the Integrated Heat Spreader (IHS) curves concavely. As a result, the base plate of the CPU cooler rests primarily on the edges of the IHS, so that the thermal "hotspot" in the middle of the CPU is not optimally covered.

The Intel 13/14th Gen CPU Contact Frame has a special inner contour to shift the contact pressure from the centre of the CPU to the edges during assembly. This avoids the concave curvature of the IHS. This results in CPU coolers resting better on the processor and a larger contact surface to dissipate the CPU's waste heat.

The installation of the Contact Frame is very simple and takes only a few steps. Depending on the CPU cooler and the CPU used, the temperatures of the processor can be noticeably reduced.



Short informations

- Lower CPU temperatures
- Easy assembly
- High compatibility
- Anodised aluminium

Contact pressure with IHS



Contact pressure with CPU Contact Frame FOR INTEL 13/14th GEN



Technical data

Unit:	Value/description:
Material:	Aluminium, anodised
Colour:	Black
Typical application:	CPU mounting aid
Length:	71 mm
Width:	51 mm
Height:	6 mm
Package size:	21x15x3 cm
*Gross weight:	55 g
*Net weight:	25 g
Item number:	TG-CF-i13G
EAN-Code:	4260711990748
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.

Compatibility information

The 13/14th Gen CPU Contact Frame is compatible with 12th, 13th and 14th generation processors for socket LGA1700. In addition, the frame is compatible with CPUs whose Integrated Heat Spreader (IHS) has been ground down by no more than 0.2 millimetres. When mounting, make sure that there are no electronic components under the frame. This is especially important for mainboards with the Mini-ITX form factor.

Lieferumfang

- 1x CPU Contact 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.