

# CPU Contact Frame

## INTEL 1700 LT

### High Performance Cooling Solutions – Made in Germany

The Thermal Grizzly CPU Contact Frame Intel 1700 LT is the injection-molded counterpart to the Intel 13th/14th Gen CPU Contact Frame. The material used is an acrylonitrile-butadiene-styrene copolymer with a 15 percent glass fiber content to reinforce the structure. This provides the required stability of the contact frame, while at the same time reducing production costs compared to the contact frame milled from aluminum.

### 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 CPU Contact Frame Intel 1700 LT 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
- Glass fiber reinforced ABS plastic
- Compatibility list online

### Contact pressure with IHS



### Contact pressure with CPU Contact Frame



### Technical data

Unit:	Value/description:
Material:	ABS plastic
Colour:	Black
Typical application:	CPU mounting aid
Length:	71 mm
Width:	51 mm
Height:	6 mm
Package size:	9x6x1 cm
*Gross weight:	30 g
*Net weight:	8 g
Item number:	TG-CF-i1700-LT
EAN-Code:	4260711991035
PU:	105 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 CPU Contact Frame Intel 1700 LT is compatible with 12th, 13th and 14th generation processors for socket LGA1700. A current compatibility list is available online. In addition, the frame is only 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 Intel 1700 LT
- 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.