

# INTEL 1851 Delid-Die-Mate V1

## High Performance Cooling Solutions – Made in Germany

Delidding processors based on the Intel Arrow Lake architecture (Core Ultra, Pentium) carries a higher risk compared to older Intel CPUs. This is likely due to structural factors such as the size of the CPU die and the fact that the CPU die consists of multiple smaller dies, known as "tiles."

To minimize the risk during delidding, the CPU should be heated to approximately 165°C / 330°F to soften the indium solder. This can be done using household tools (e.g., oven, heat gun). Thermal Grizzly offers the Intel 1851 Delid-Die-Mate Heater V1, a tool specifically designed to simplify the heating process for Arrow Lake processors.

The Intel 1851 Delid-Die-Mate Heater V1 is a PTFE-made housing for the Intel 1851 Delid-Die-Mate V1. The heating elements are powered via a USB Type-C connection, and the temperature can be monitored through an external OLED display. A power adapter for USB power supply is not included. A power supply unit with at least 65 watts of power is required to operate the Intel 1851 Delid-Die-Mate Heater V1.

The control unit of the Intel 1851 Delid-Die-Mate Heater V1 can be adjusted and controlled using three buttons. The preset temperature of 165°C can be increased or decreased as needed. The heating element can be turned on or off at any time. When the target temperature is reached, the heating element automatically turns off. For safety, the heating element always turns off after 30 minutes.

### Technical data

Unit:	Value/description:
Colour:	black, white
Package size:	19x10,5x5,5 cm
*Gross weight:	337 g
*Net weight:	243 g
Item number:	TG-DDMH-i1851-V1
EAN-Code:	4260711991172
PU:	3 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.

### Trademark Information

Thermal Grizzly is a registered trademark.



### Short informations

- Heating element with USB connection
- Heats the CPU up to 165°C
- Important: Watch the video, and follow the instructions!

### Scope of delivery

- 1x Intel 1851 Delid-Die-Mate Heater V1
- 1x Angle wrench
- 1x TG Cleaning Wipes
- 1x Kryonaut

### Warning Notices

Caution: Removing the heat spreader ("delidding") of a processor is done at your own risk! Delidding the CPU voids the manufacturer's warranty! Any damage caused during the delidding process is not covered by the manufacturer!

Caution: When delidding a CPU with the Intel 1851 Delid-Die-Mate V1, it is essential to watch the video available on the linked website:

<https://www.thermal-grizzly.com/en/blog/important-information-regarding-the-delidding-of-intel-arrow-lake-cpus>

### 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.