

der8enchtable

DER BAUER

High Performance Cooling Solutions

With the der8enchtable, Thermal Grizzly presents a professional benchtable with an active PCB, developed in collaboration with Jon "elmor" Sandström (ElmorLabs) and Roman "der8auer" Hartung (CEO of Thermal Grizzly, engineer, overclocker, and content creator). The der8enchtable is packed with features that simplify hardware testing, making it an invaluable asset for overclockers, content creators, hardware testers, and PC enthusiasts.

Connectivity

At the heart of the der8enchtable is the base unit featuring an integrated printed circuit board (PCB). This PCB provides a wide range of connection options for fans, storage media, and USB devices. The der8enchtable is powered via a 6-pin PCIe connector from the power supply and connects to the motherboard using a 9-pin USB 2.0 header.

Up to two 2.5-inch SSDs can be mounted directly onto the PCB and connected to the motherboard via SATA cables. A power button and reset function are also integrated into the PCB and are connected to the motherboard via cable. On the right side of the board are two USB 2.0 Type-A ports, complemented on the left side by two additional Type-A and two Type-C USB ports.

A total of three fan controllers (Fan Zones), each with three 4-pin fan headers, allow for consistent thermal testing conditions. Each fan zone can be individually set to 50% or 100% fan speed via dedicated switches. Each of the three fan zones supplies 3 A of power to the fans and is protected by its own fuse. Additionally, the fan zones can be externally controlled by the motherboard. A 4-pin header on the PCB allows direct connection to a motherboard fan header.

In addition to the fan control zones, the base unit with integrated PCB also includes a control zone with two 4-pin headers for pumps or fans, offering the same control options as the fan zones. The pump zone provides 3 A per port—6 A total—and each port has its own fuse. To control the addressable RGB lighting (aRGB), the der8enchtable can be connected to the motherboard via a 3-pin aRGB header. Alternatively, an external RGB controller can be used (not included).



Short Information

- Professional benchtable with active PCB
- Developed in collaboration with ElmorLabs and der8auer
- 3+1 control zones for fans and AIOs
- Supports SSD, USB, or microSD for OS and test software
- Compact, modular, and user-friendly frame design
- Compatible with air and AIO coolers
- A-RGB lighting

Scope of Delivery

- Manual
- Base Assembly with integrated PCB
- AIB Securing Bracket
- Radiator Bracket
- Right Stand Bracket
- Left Stand Bracket
- PSU Support Bracket
- PSU Mounting Bracket
- Damper Feet
- DIN7991 M3 x 16mm Screw
- DIN7985H M3 x 12mm Screw - A2
- DIN912 M3 x 5mm Screw - A2
- DIN912 M4 x 6mm Screw
- 6-32 UNC x 1/4in Phillips Head Screw - A4
- M3 HEX Nut -A2
- M3 x 12mm Barrel Nut - A4
- Allen Key 2 mm
- Allen Key 2.5 mm
- Allen Key 3 mm
- Phillips Cross Screwdriver
- Double female 2-pin Dupon cable, 20cm
- Double female 4-pin Fan cable, 30cm
- Double sided Velcro Strap
- Double female 3-pin A-RGB cable, 30cm
- Double 9-pin USB 2.0 cable, 15cm

Technical data

Item number: TG-D8-001

EAN code: 4260711992070

Package size: 33,5 x 33 x 13,4cm

***Net weight:** 23,5g

***Gross weight:** 25,5g

*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.

Data Management

For hardware testing and benchmarking, drivers, BIOS, or an operating system are often required. To simplify this, storage media can be mounted directly on the benchtable. Two 2.5" drive interfaces and four microSD card slots are available. The SSD ports must be connected to the motherboard via SATA cables, while the microSD cards interface with the test motherboard through the 9-pin USB header. In terms of cost per gigabyte, microSD cards offer a budget-friendly alternative to solid-state drives (SSDs).

Modular Frame Design

The PCB of the der8enchtable includes pre-installed standoffs for ATX motherboards, which can be reconfigured to accommodate Micro-ATX and Mini-ITX boards. A power supply can be mounted to the lower section of the black-anodized aluminum frame, and Velcro straps are provided for cable management. If the lower frame section is not needed, the feet can be attached directly to the base unit with its integrated PCB, making the der8enchtable significantly more compact.

der8enchtable @Computex 2025

The der8enchtable was officially unveiled to the public during Computex 2025 and attracted significant attention, particularly in the content creation community. The tech magazine TechPowerUp awarded the der8enchtable with the "Best of Computex 2025 – Editor's Choice" honor. araboverclockers also named it "Best of Computex 2025."

In addition, the der8enchtable was featured in several Computex 2025 coverage videos. Below is a selection of video links:

EN: <https://youtu.be/puFaUSTwiis?si=arVyTBvNkZaGuX2h&t=614>

EN: <https://youtu.be/uSeiB6o4fHk?si=xz-4qeSdsBUEMPUE&t=454>

EN: https://youtu.be/_E0Ns75TOmA?si=-mjpmDc7ppcLf0xD&t=72

Port Overview:

- 1× 9-pin USB header (data connection to motherboard)
- 1× PCIe 6-pin header (power supply from PSU)
- 1× 4-pin header (for PWM signal to external fan control)
- 3× Fan Zones (each with 3× 4-pin fan headers)
- 1× Pump Zone (2× 4-pin pump headers)
- 4× MicroSD slots for memory cards
- 2× On-board SATA connectors
- 2× SATA out connectors
- 4× USB 2.0 Type-A (max. 500 mA)
- 2× USB 2.0 Type-C (max. 3 A)
- 1× 2-pin header for power button
- 1× 2-pin header for reset button
- 1× 3-pin aRGB header (GND / – / D / 5V)

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.