

LIQTECH ²⁸⁰ ^{OC} TR4 II

ALL-IN-ONE LIQUID CPU COOLER



*Incredible 500W+ TDP
Over-clocking Support*



ELC-LTTRTO280-TBP

- 100% sTRX4 / TR4 IHS Coverage
- Exclusive for AMD Threadripper Platform
- Support 500W+ TDP
- Patented Shunt Channel Technology
- Ultra-premium Water Block Featuring Addressable RGB Lighting



ELC-LTTRTO280-TBP

ENERMAX LIQTECH TR4 II series is especially engineered for AMD Threadripper, featuring patented Shunt Channel Technology (SCT), high pressure PWM fans and high-efficiency ceramic nano PI bearing pump to provide superior cooling performance up to 500W+ TDP. Moreover, the RGB water block supports the latest addressable RGB (5V/D/G) lighting synchronization with motherboard. The included user-friendly RGB controller is also easier for users to customize the lighting speed, effect and brightness.

LIQTECH TR4 II lineup is undoubtedly an exceptional cooling solution for high-end overclocked CPUS.

Features

AMD Socket sTRX4 / TR4 Ready!

Quick & user-friendly mounting system for top-end AMD Threadripper CPUs (sTRX4 / TR4).

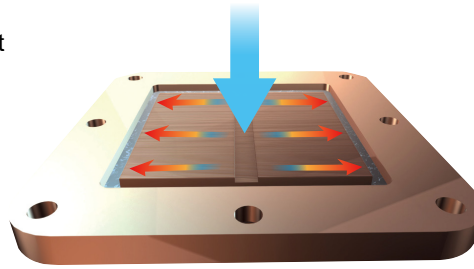


100% sTRX4 / TR4 IHS Coverage

Tailored to 100% cover AMD Threadripper's integrated heat spreader (IHS) for uncompromised cooling performance.

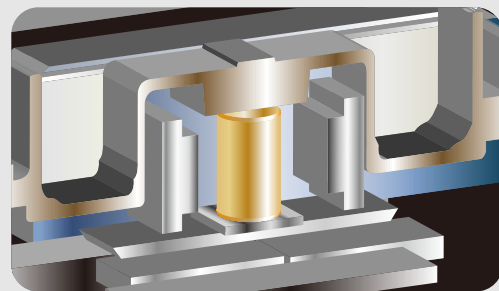
▼ Central Coolant Inlet (CCI) design and patented Shunt-Channel Technology (SCT)

Central Coolant Inlet (CCI) structure, combined with the Shunt-Channel Technology (SCT) on the cold plate, it is able to inject the coolant at the hottest spot to prevent heat surges and shorten the coolant flow path, resulting in faster heat transfer



▼ EF1 Pump Design

Robust pump with precision engineering delivers extremely high flow rate up to 450 L/h for superior cooling performance.

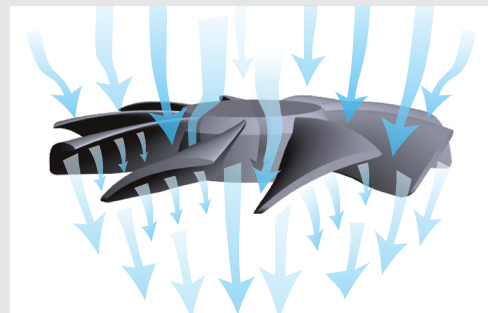


▼ Ultra-premium Water Block Featuring Addressable RGB Lighting

Unique RGB water block provides synchronizable RGB lighting via the latest addressable RGB header of motherboards for vivid rainbow lighting effects.

▼ Innovative High Pressure Blades

Hi-pressure blade design enhances the cooling performance.



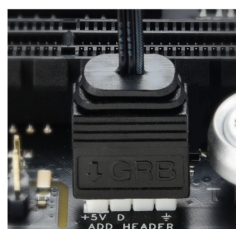
▼ Anti-vibration rubber pads provide noiseless stable operation

2 ways to control RGB lighting effects



Through Motherboard Software

Users can sync the RGB lighting with motherboards featuring addressable RGB headers (3 pin assignment is 5V/D/G)



Addressable RGB lighting synchronization

Through ENERMAX RGB Control Box

Users can use the included control box to adjust preferred lighting effects (10 pre-set effects) brightness and speed



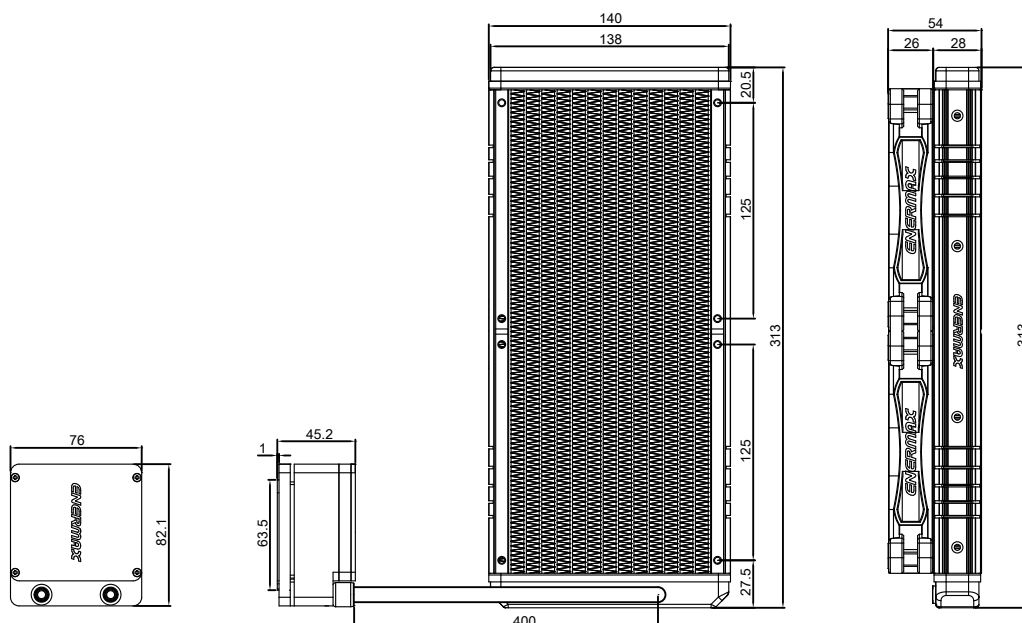
Premium 400mm weaved tubing is perfect for mainstream system builds

Flexible polyamide (PA) rubber tubes ensure zero permeability



Dimensions

unit:mm



Specifications

| | | |
|------------------|-----------------|-----------------------------------|
| Model | | ELC-LTTRTO280-TBP |
| Cold Plate | Material | Copper |
| Pump | Bearing | Ceramic Nano PI Bearing |
| | MTBF | 100,000 hrs |
| | Motor Speed | 3000 rpm |
| | Rated Voltage | 12V |
| | Rated Current | 0.4A |
| RGB LED | Rated Current | 0.2A |
| Radiator | Dimension | 313 x 140 x 28 mm |
| | Material | Aluminum |
| Tube | Material | Polyamide (PA) rubber tube |
| | Length | 400 mm |
| Weight (W/O fan) | | 1300 g |
| Bracket | Compatibility | AMD® sTRX4 / TR4 / SP3 |
| Fan | Dimension | 140 x 140 x 25 mm |
| | Bearing | Twister Bearing |
| | MTTF | ≥ 160,000 hours |
| | Speed | 500 - 1500 rpm |
| | Rated Voltage | 12V |
| | Rated Current | 0.2A |
| | Air Flow | 31.86 ~ 80.71 CFM |
| | | 54.13 ~ 137.13 m³/h |
| | Static Pressure | 0.960 ~ 4.812 mm-H ₂ O |
| | Noise Level | 14 ~ 25 dBA |
| | Connector | 4 pin PWM |
| Thermal Grease | | Dow Corning® TC-5121C |

| | | |
|-----------------------|-----|-------------------|
| Shipping Information | | |
| Model | | ELC-LTTRTO280-TBP |
| Barcode | EAN | 4713157723659 |
| | UPC | 819315023655 |
| Box dimension | | 364 x 183 x 171mm |
| Gross weight / unit | | 2.46 kg |
| Carton dimension | | 570 x 385 x 380mm |
| Qty / carton | | 6 |
| Gross weight / carton | | 15.7 kg |