



Freezer 33 TR

Tower CPU Cooler, compatible with AMD Ryzen™ Threadripper™ sTR4

- Best airflow to noise ratio
- Silent 3-phase motor
- 200 – 1 800 RPM (PWM control)
- Enlarged base for AMD Ryzen Threadripper
- Patented PWM Sharing Technology (PST) regulates fan speed synchronously
- Longer service life through low coil temperature
- Offset heat pipes ensure optimal heat dissipation
- Anti-vibration rubbers for quiet operation
- MX-4 thermal paste included



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The **Freezer 33 TR** is an updated version of our award-winning Freezer 33 specially designed for the new AMD Ryzen Threadripper CPU.

The base of the heatsink has been enlarged to fit the massive AMD Socket TR4 and, equipped with a BioniX F120 fan, it pushes the cooling performance further to cope with the 180 W TDP of the AMD Ryzen Threadripper with cooling capacity to spare for overclocking.

Freezer 33 TR is the perfect CPU cooling solution for enthusiasts who want to build High-End Desktop Computer on a budget.

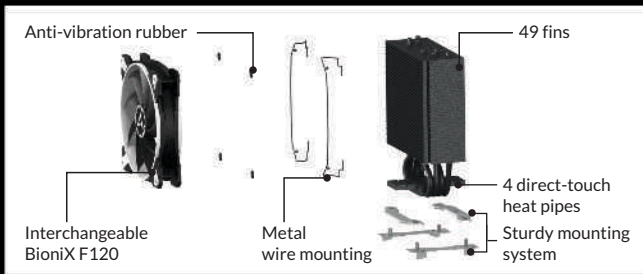


Specifications

Heat Pipe	Direct Touch Ø 6 mm x 4
Heatsink Material	Aluminium Fins x 49, Thickness: 0.5 mm
Thermal Compound	MX-4
Fan	120 mm, 200 – 1 800 RPM (Controlled by PWM)
Bearing	Fluid Dynamic Bearing
Noise Level	0.5 Sone
Current / Voltage	0.20 A / + 12 V DC
Max. Cooling Capacity	320 Watts
Recommended for TDP up to	200 Watts
Dimensions	123 (L) x 89 (W) x 155 (H) mm
Net Weight	705 g
Multiple Compatibility	Intel® 2066, 2011-3 (Square ILM only) AMD® sTR4, SP3, AM4

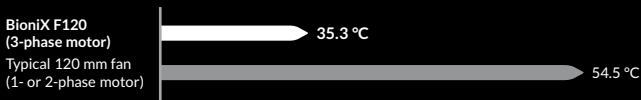


Function Diagram



Low Motor Temperature – 4 x Life Span

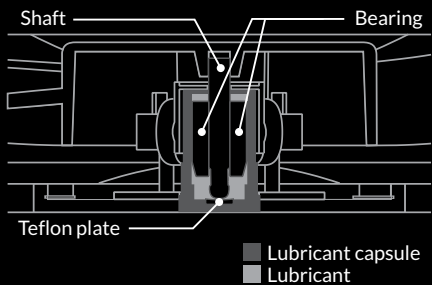
10 °C lower motor temperature doubles the life span. The BioniX gaming fans have a four times longer service life through low coil temperature.



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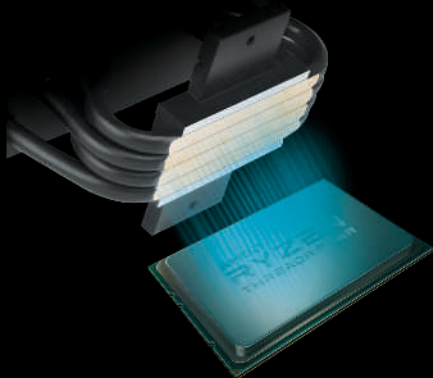
Fluid Dynamic Bearing



Silent 3-Phase Motor



Enlarged Base for AMD Ryzen Threadripper



Optimised Fan Design



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