



# Freezer 33 eSports ONE

## Tower CPU Cooler with BioniX Fan

- Includes BioniX Fan with best airflow to noise ratio
- New, quiet ARCTIC motor
- 200 – 1 800 RPM (PWM control)
- PWM Sharing Technology (PST) regulates fan speed synchronously
- Longer service life through low coil temperature
- Compatible with Intel® & AMD® sockets
- Special thermal coating and offset heat pipes ensure optimal heat-dissipation and increased cooling performance
- Anti-vibration rubbers for quiet operation
- Transport-proof mounting with backplate
- MX-4 thermal paste included



# Freezer 33 eSports ONE

## Tower CPU Cooler with BioniX Fan

The Freezer 33 eSports ONE is a powerful Tower CPU cooler equipped with our new BioniX Fan.

The cooler uses our newly developed thermal coating, which creates micro-turbulences to improve air-circulation and increase cooling performance.

With a high range of 200-1 800 RPM, the BioniX F120 fan is controllable with PWM to regulate the fan speeds as needed. The new ARCTIC motor with low coil temperature quadruples the life span and we extend the warranty to 10 years.



### 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 88 (W) x 150 (H) mm	
Net Weight	676 g	
Socket Compatibility	Intel® 2066*, 2011(-3)*, 115X	*Square ILM AMD® AM4

### 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. Therefore, we extend the warranty to 10 years.

BioniX F120  
(3-phase motor)



Typical 120 mm fan  
(1- or 2-phase motor)

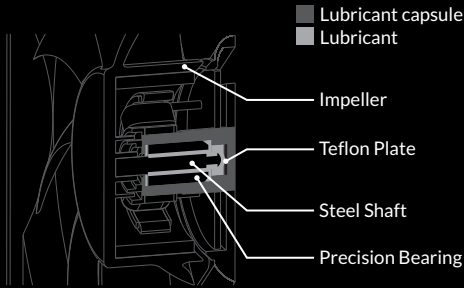


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Tower CPU Cooler with BioniX Fan

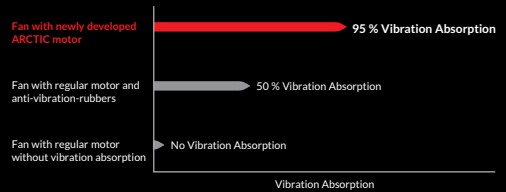
## Fluid Dynamic Bearing

Due to a new alloy/lubricant combination developed in Germany, the friction within the bearing is reduced and a greater efficiency is achieved. This way, there is less heat development as well as less bearing noise and you can enjoy a longer service life of your cooler.



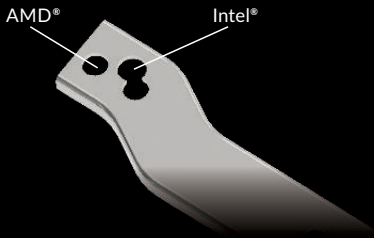
## Maximum Quietness, Minimum Vibration

Extremely quiet operation through a newly developed motor guarantees long sessions without annoying noise. ARCTIC's new motor of the BioniX Fans eliminates vibrations directly at its source, in particular at the motor. The ARCTIC motor absorbs 95 % of vibrations compared to a conventional DC motor. Thus, there is no need for rubber spacers due to the steady torque and smoother switching of the magnet field.



## Multiple Compatibility

Fast and easy to install and extremely reliable, the different mounting systems are compatible with Intel and AMD sockets. Thanks to a backplate and a significantly lower weight compared to the i30, the Freezer 33 eSports ONE is not only fool-proof to install, but also absolutely transport safe.



## Optimised Fan Design

We further optimised the fan blade design to get a higher airflow at lower noise generation. With the range of 200 to 1 800 RPM the fans of the Freezer 33 eSports ONE are controllable with the Patented PWM Sharing Technology to regulate the fan speed as needed.

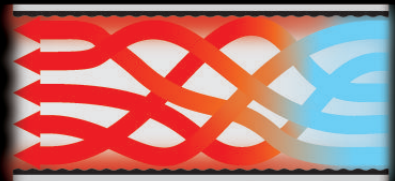


## Special Thermal Coating

A newly developed thermal coating creates micro-turbulences with a special rough surface structure. Combined with offset heat pipes this leads to an optimised heat-dissipation and to an increased cooling performance.



Without coating



With coating