



# Choose your COLOUR



## ARCTIC GOES COLOURFUL

BioniX Gaming Fans and Freezer 33 eSports Edition out now

The new BioniX gaming case fans as well as the powerful Freezer 33 eSports Edition supplement our cooling product range. With the new appealing design and the extremely silent 3-phase motor, the new products are specifically tailored to gamer needs. Both the BioniX and the Freezer 33 eSports Edition are available now in four colour variations.

Thanks to optimizations such as the improved fan design, the BioniX achieve an excellent airflow-noise ratio and guarantee high pressure and best ventilation for the case. "The newly developed, whisper-quiet 3-phase motor guarantees long gaming sessions without annoying noise. Due to the low coil temperature, the service life of the BioniX case fans is four times longer and we extend the warranty to 10 years", says Magnus Huber, CEO of ARCTIC.

The BioniX fans are available in two sizes: BioniX F120 with 120 mm fan diameter and BioniX F140 with 140 mm fan diameter. Patented PWM Sharing Technology (PST) regulates the fan speed as required in a wide speed range of 200 to 1 800 RPM.

### Main Features BioniX

- Available in two sizes with 120 mm and 140 mm fan diameter
- Best airflow to noise ratio
- Silent 3-phase motor
- PWM Sharing Technology (PST) regulates fan speed synchronously between 200 - 1 800 RPM
- Longer service life through low coil temperature
- 10 years warranty



The Freezer 33 eSports Edition is a multi compatible Tower CPU Cooler with Push-Pull-Configuration. Two extremely silent 120 mm-BioniX fans, mounted on opposite sides of the heatsink, increase the cooling capacity by providing an optimum airflow. The special thermal coating of the heatsink creates micro-turbulence with its surface structure. Combined with offset heat pipes this leads to an optimised heat-dissipation and thus to an increase in cooling performance.

### Main Features Freezer 33 eSports Edition

- Compatible with Intel and AMD Sockets
- Two Bionix F120 fans for more cooling capacity
- Offset heat pipes ensure optimal heat dissipation
- Thermal coating improves heat output
- Anti-vibration rubbers for quiet operation
- Transport-proof mounting with backplate
- MX-4 thermal paste included
- 10 years warranty



### 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	2 x 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	210 Watts
Dimensions	123 (L) x 103 (W) x 150 (H) mm
Net Weight	805 g
Multiple Compatibility	Intel® 2066, 2011(-3)(square ILM), 115X AMD® AM4

### 15 years of Expertise

ARCTIC does not only play in the top league of the cooling specialists ever since, ARCTIC initiated the trend towards quiet cooling systems for desktop PCs and left a distinct mark. In 2001 the Swiss engineer and company founder Magnus Huber has determined to fight against loud computers - today, the still privately-owned company with locations in Germany, Hong Kong and the USA offers one of the world's largest ranges of CPU and GPU coolers. Maximum compatibility, first-class performance and lowest volume convince enthusiasts in over 45 countries around the globe. With the competence of an unique expert knowledge from 15 years of (pc) noise minimization ARCTIC is building out its portfolio through high-quality sound products and office equipment.

