Freezer 34 eSports DUO

Tower CPU Cooler with BioniX P-Series Fans in Push-Pull-Configuration

- Compatible with Intel® & AMD® sockets
- Thermal coating and evenly spread heat pipes for optimal heat dissipation
- Push-Pull-Configuration for ideal airflow
- Broad RPM Range for highest performance and low noise level
- Focused airstream for improved cooling performance
- 0 dB mode: silent passive mode when PWM signal is below 5 %
- PWM Sharing Technology (PST) regulates fan speed synchronously
- Extended life span and less vibrations with new motor technology
- Secure hold with backplate
- MX-4 thermal paste included

EXTENDED 10 YEAR LIMITED WARRANTY

Carbon Neutral
green.arctic.ac

ARCTIC
www.arctic.ac

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Tower CPU Cooler with BioniX P-Series Fans in Push-Pull-Configuration

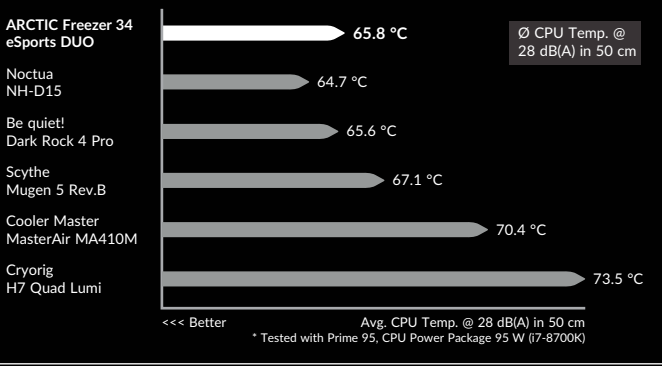
The ARCTIC **Freezer 34 eSports DUO** is a Tower CPU cooler with two 120 mm BioniX P-series fans in push-pull configuration. It is a powerful cooling solution for AMD® & Intel® CPU and recommended for CPU with a TDP up to 210 W. The push.pull-configuration allows ideal airflow.
The pressure-optimised fans create a focused airstream for increased performance. A broad RPM range enables highest performance as well as low noise levels. With high-quality bearings and a new motor-generation, the fans are very quiet, efficient and durable. It offers a 0 db mode, which switches the fans to a silent passive mode with the PWM signal below 5 %.

Specifications

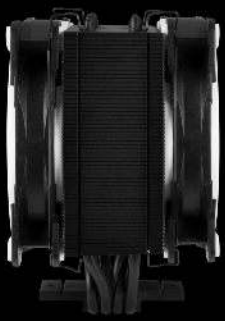
Heat Pipe	Direct Touch Ø 6 mm x 4
Heatsink Material	Aluminium Fins x 54, Thickness: 0.4 mm
Thermal Compound	Pre-applied MX-4
Fan	2x 120 mm, 200 - 2 100 RPM (Controlled by PWM), 0 db fan mode below 5 % PWM
Bearing	Fluid Dynamic Bearing
Noise Level	0.5 Sone (@ 2 100 RPM)
Current / Voltage	0.13 A /12 V DC
Recommended for TDP up to	210 Watts
Dimensions	124 (L) x 103 (W) x 157 (H) mm
Net Weight	764 g
Stocket Compatibility	**Intel®** 2066*, 2011(-3)*, 115X **AMD®** AM4 *Square ILM

Excellent Price-Performance Ratio

With two powerful, pressure-optimised BioniX P-fans and its updated, thermal-coated heatsink, the Freezer 34 eSports DUO offers a lot of performance for a fair price. In internal tests **levelled to 28 db**(A), the Freezer 34 eSports DUO was able to surpass many competitors, even much bigger and more expensive double tower cooling colustions. More information about our performance test and the max. CPU temperatures for AMD & Intel can be found in our Cooler FAQ.



* Tested with Prime 95, CPU Power Package 95 W (i7-8700K)



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Tower CPU Cooler with BioniX P-Series Fans in Push-Pull-Configuration

New P-fans for Increased Performance

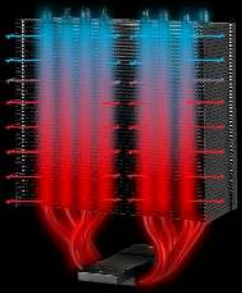
The Freezer 34 eSports benefits of all advantages of our new BioniX P-fan.

- High static pressure for increased cooling performance
- 0 db fan mode below 5 % PWM
- Extended RPM range
- Lower power consumption
- Less vibrations
- Extended life span
- High quality bearing
- PWM PST for synchronous fan control

For additional information about the P-fans, we recommend our FAQ.

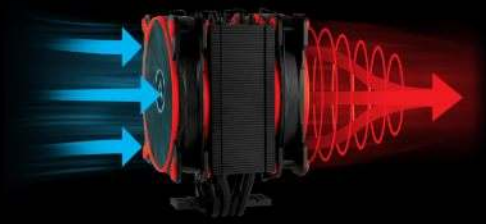
Improved Heat Dissipation

Evenly spread direct-touch heat pipes and an optimised heat sink design with 54 cooling fins lead to an ideal heat dissipation for the Freezer 34 eSports.



Ideal airflow

The two BioniX P-fans of the Freezer 34 eSports DUO work in push-pull-mode.
The resulting increase of airflow ensures that more cold air is transported into the heatsink for cooling and the heat from the CPU is dissipated even faster from the heat sink. This ensures the best possible performance of the CPU.



Easy Installation & Secure Hold

Fast and easy to install and extremely reliable, the Freezer 34 eSports mounting system is compatible with Intel and AMD sockets. Thanks to a backplate and its low weight, the Freezer 34 eSports not only fool-proof to install, but also absolutely transport safe.

for Intel for AMD*

*The AM4 backplate comes with your mainboard, spare is available through our support.

High Performance for High-End CPU

The contact surface of the Freezer 34 eSports heat pipes does not cover the full heatspreader, but, more importantly, is right where the processor DIE is and covers even the largest versions (18 core) completely.

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MX-4 Thermal Paste included

The high-performance MX-4 thermal compound is included and ensures the best cooling results.

Thermal Coating

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

Without thermal coating | With thermal coating

Optimal RAM Compatibility

Thanks to the compact dimensions of only 124 mm x 157 mm x 88 mm, there are no restrictions when using RAM modules. Even RAM modules with larger heat sinks can be mounted without any issues and are not blocked by the CPU Cooler.

for Intel | for AMD*

*The AM4 backplate comes with your mainboard, spare is available through our support.

Multilingual Manuals

We offer a regularly updated user manual in many languages conveniently at your fingertips anywhere and anytime. Put the QR code sticker at a place of your convenience and never waste time again looking for product instructions.