



# Liquid Freezer 240

## High Performance CPU Water Cooler

### Main Features

- Minimum Noise Level
- Ready for 16 Cores and Overclocking
- Most Efficient Pump
- Longer Service Life
- Every Unit Performs the Same
- MX-4 Thermal Compound



 Carbon  
Neutral  
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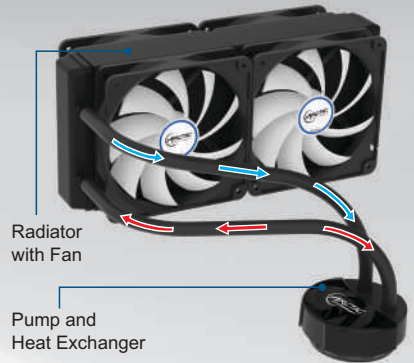
[www.arctic.ac](http://www.arctic.ac)



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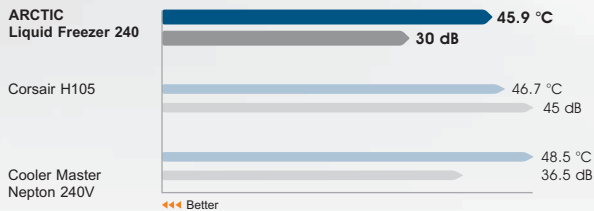
With the **Liquid Freezer 240** you are ready for 16 cores and overclocking. It deals with up to 300 Watts TDP – this is the maximum cooling performance at a minimum noise level. The F12 PWM PST fans have the highest airflow and our water pump the latest motor technology. That way, they offer high performance to cool the components. The 38 mm deep radiator and 4 fans do not limit the compatibility. The Fluid Dynamic Bearing and CNC manufacturing extend the service life of the **Liquid Freezer 240** ensuring every unit performs the same.



### Extremely Powerful yet Quiet

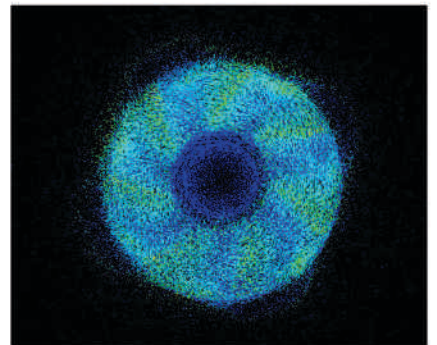
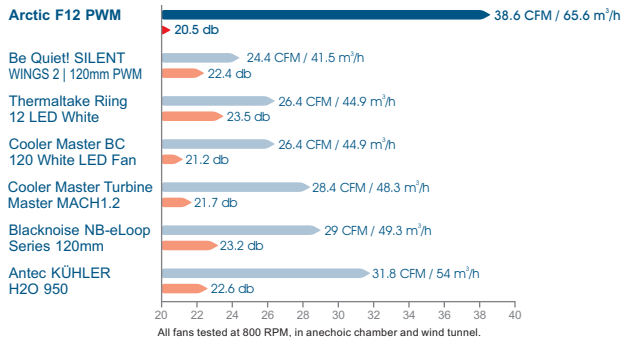
The Liquid Freezer 240 is not just the most powerful AIO Water Cooler in its class but also the quietest.

#### Cooling Performance & Noise Level on Intel Core i7-5930K



### Quiet and Powerful Fan

We fully designed the F12 fan with CFD (Computational Fluid Dynamics) software and optimized it for high airflow. From all fans tested in our air tunnel and anechoic chamber the F12 offers the highest airflow at a given noise level - by margin.



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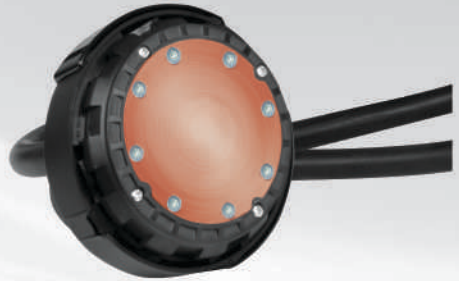
### Most Efficient Pump

Latest motor technology and smooth tubes offer top performance at only 2 watt power consumption.



### Every Unit Performs the Same

A concentric CNC guarantees a smooth and even surface. Thus a consistent series production quality is guaranteed and every unit performs exactly the same.



### Ready for 16 Cores and Overclocking

With the Liquid Freezer 240 You are! Deals with up to 300 Watts TDP - at almost complete silence.



### MX-4

We pack a bag of the leading thermal compound, enough for two applications. The MX-4 guarantees to dissipating heat from your CPU in the quickest and most efficient way.



### Optimal Heat Dissipation

Dual low noise 120 mm fans mounted on opposite sides of the radiator provide a great airflow. First fan pushes air through the radiator, second fan pulls the air through it. Controllable with PST function to adjust the fan speed based on CPU temperature.



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### Specifications

#### Pump / Cold Plate

Voltage	DC 5 V - 12 V
Power Consumption	2.0 W
Cold Plate	Micro Skived Fin, Copper
Tube Length	326 mm
Tube Diameter	Outer 10.6 mm, inner 6.0 mm
Dimensions (w/o tubes)	82 x 82 x 40 mm

#### Fan x 4

Fan Speed	500-1350 RPM (PWM)
Airflow	74 CFM per fan
Voltage	DC 12 V
Current	0.25 A (max)
Bearing	Fluid Dynamic Bearing
Noise Level	0.3 Sone
Connector	4 Pins with PST
Dimensions	120 x 120 x 25 mm

#### Radiator

Material	Aluminium
Dimensions	120 x 272 x 38 mm

#### General

Recommended for	up to 300 W TDP
Compatibility	<b>Intel Socket</b> 2011(-3), 1150, 1151, 1155, 1156 <b>AMD Socket</b> AM2(+), AM3(+), FM1, FM2(+)
Thermal Compound	MX-4, 0.8 g
Total Weight	1190 g (4 fans, radiator, pump, tubes)



### Longer Service Life

The Fluid Dynamic Bearing comes with an oil capsule that avoids lubricant leakage. Thus this bearing is as quiet as a sleeve bearing but comes with a significantly higher service life.

- Oil capsule
- Oil

