Hyper 212X

RR-212X-20PM-R1



The CoolerMaster Hyper 212X introduces several new features to the incredibly popular 212 series. It uses the same Patented Quad CDC Heatpipe array but features a completely new cooling fan and an improved fin-blade layout. Thanks to the new Smart Engine and 4th Generation Bearing, the MTBF has been pushed up to an incredible 160,000 hours while reducing bearing noise. The redesigned Fan-Blades and Aluminum Fin-Blades have both been optimized to create micro vortices that boost the airflow and circulate it around the heatpipes.

Features

- High performance Copper heatpipes with a fusion bonded copper powder wick.
- Patented CDC™ technology – 4 direct touch heatpipes creating a gap-less contact surface
- Aluminum Fin Array with New Tunnel Effect layout for improved heat dissipation.
- 4th Generation Bearing – MTBF of 160,000 hours thanks to highly durable POM components.
- Redesigned Fan-blades that create vortices to boost airflow without creating more noise
- Smart Fan engine – stops the fan when blocked to prevent damage, and automatically restarts the fan when it has been cleared.
- Universal mounting system for all Intel and AMD platforms.

Specifications

Supported Platforms	Intel LGA 2011/1366/1156/1155/775 AMD FM1/AM3+/AM3/AM2
Dimensions	120 x 79 x 158 mm (4.7 x 3.1 x 6.2 inch)
Heatsink Dimensions	116 x 51 x 158 mm (4.6 x 2.0 x 6.2 inch)
Heatsink Material	4 Direct contact heatpipes / Aluminum fins
Heatsink Weight	492g / 1.1lb
Heatpipe Dimensions	Ø6 mm
Fan Dimensions	120 x 120 x 25 mm (4.7 x 4.7 x 1 inch)
Fan Speed	600~2000 RPM (PWM) ± 10%
Fan Air Flow	24.9~82.9 CFM ± 10%
Fan Air Pressure	0.3~2.09 mm H_2O ± 10%
Fan Life Expectancy	160,000 hours
Noise Level	9~36 dBA
Bearing Type	4th Generation Bearing
Connector	4-Pin
Rated Voltage	12 VDC
Rated Current	0.37A
Power Consumption	4.44W (max)
Fan Weight	106g / 0.2lb
Weight	610g / 1.3lb

Package Information

EAN Code	4719512039526
UPC Code	884102018862
Package Dimensions	90 x 157 x 228 mm (3.5 x 6.2 x 9.0 inch)
Carton Dimensions	475 x 330 x 255 mm (18.7 x 13.0 x 10.0 inch)
Unit / Carton	10
Carton / Pallet	42

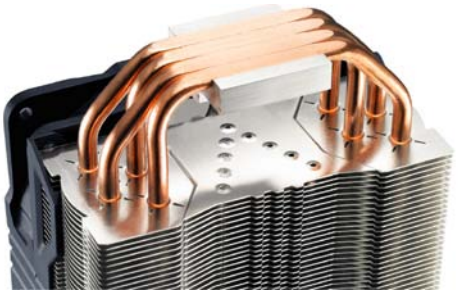
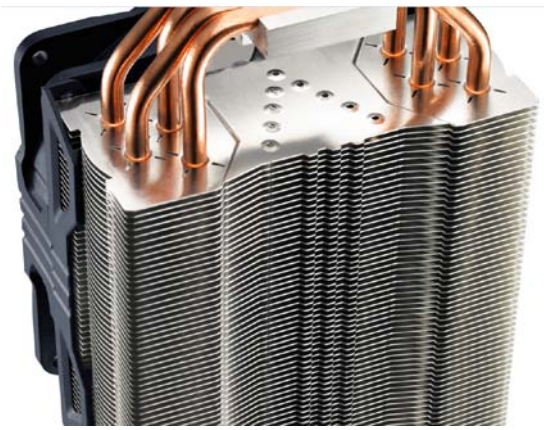
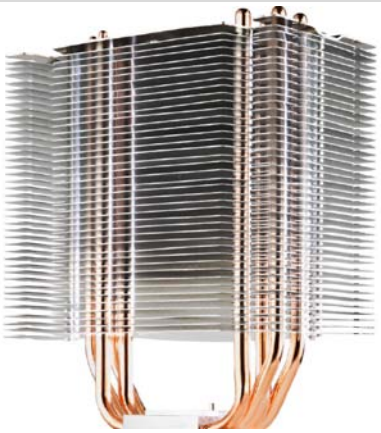
Warranty

2 years

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Appendix

Photo taken: July, 2012

	
Redesigned Fan-Blades for improved airflow and lower noise	4th Generation Bearing – POM, Dustproof, Self lubricating
	
Profiled fin blades create a Tunnel Effect and direct airflow to the heatpipes	Patented Quad CDC heatpipe Array with aluminum micro vortex fins
	
Optimized fins design with new Tunnel Effect technology	High performance copper heatpipes

Note: Photos may differ slightly from the final product.

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