ComX Computers
Product Specification Sheet

CC-CH212X

Coolermaster Hyper 212X CPU Cooling Fan

Product Overview

Coolermaster Hyper 212X, RR-212X-20PM-R1, aluminium fin with air-guide + x-vents around heat pipes for better turbulence, with 4x HDT/DCH+CDC copper heat pipes (Heat pipe Direct Touch + Continuous Direct Contact), heatsink size: 116x51x158mm, 120mm PWM fan with smartfan engine to prevent electric shock & damage, POM bearing (with Polyoxymethylene material up to 160,000 hours MTBF), shark-fin blade fan, 600-2000rpm, 24.9-82.9CFM, 9-36dba - for Intel LGA775/1155/1156/1366/2011, AMD s754/939/940/AMx/socket-F(1207)











Specifications

Overview:

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:

CPU Socket	Intel LGA 2011/1366/1156/1155/1150/775
	AMD FM1/AM3+/AM3/AM2+/AM2
Dimension	120 x 79 x 158 mm / 4.7 x 3.1 x 6.2 inch
Heat Sink Dimensions	116 x 51 x 158 mm / 4.6 x 2.0 x 6.2 inch
Heat Sink Material	4 Direct contact heatpipes / Aluminum fins
Heat Sink Weight	492g / 1.1lb
Heat Pipes Dimensions	ø6mm
Fan Dimension	120 x 120 x 25 mm / 4.7 x 4.7 x 1 inch
Fan Speed	600 - 2, 000 RPM (PWM) +/- 10%
Fan Airflow	24.9 - 82.9 CFM +/- 10%

Fan Air Pressure	0. 3 - 2.09 mm H2O +/- 10%
Fan Life Expectancy	160, 000 hours
Fan Noise Level (dB-A)	9 - 36 dBA
Bearing Type	4th Generation Bearing
Connector	4-Pin
Fan Rated Voltage	12 VDC
Fan Rated Current	0.37A
Power Consumption	4.44W (max)
Fan Weight	106g / 0.2lb

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/CC-CH212X-Coolermaster-Hyper-212X-CPU-Cooling-Fan-p-73952.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-20 09:52:28.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.