ComX Computers
Product Specification Sheet

CC-CH412R

Coolermaster Hyper H412R CPU Cooler

Product Overview

Coolermaster Hyper H412R CPU Cooler



Specifications

Overview:

The Hyper H412R is an affordable, compact and high performance air cooler that is a great fit for small form factor system. With 4 heatpipes and Direct Contact technology, this outperforms its predecessor Hyper TX3 series. The special fin design optimizes air flow toward heatpipes. Its 92mm PWM fan features a wide fan speed range and can be fine tuned for maximum airflow and cooling performance or silent operation.

Features:

Outstanding Performance in a Compact Size
The Hyper H412R is a small, low-profile, quiet cooler designed to fit in a limited space. With its outstanding performance in its class, it is a perfect solution for small form factor cases.

Direct Contact Technology
4 heat pipes with Direct Contact Technology effectively provide excellent heat dissipation.

Precise Combination of Air Flow and Heat sink
Stacked fin array ensures minimum airflow resistance allowing cooler air into the heat sink.

Snap and Play
Intuitive fan bracket design makes upgrading and removing the fan a breeze.

Performance in Compact Size
With height of 136.5mm, the Hyper H412R is a compact tower cooler, designed to fit in tight builds. With its outstanding performance in its class, it is a great solution for Micro ATX and Mini ITX boards.

4 Direct Contact Heatpipes
Just like the Hyper 212, it includes 4 Direct Contact heatpipes constructed out of copper to accerates the heat conduction through the entire heatpipe. This allows heat to be dissipated quickly and efficiently throught the funnel shaped aluminum fins.

Perfecting the Heatsink Design

Cooler Master's years of aluminum fin craftmanship is second to none. Optimized fin stacked distance between each layer is based on stringent airflow tests from our labs. As a result, even with a compact-size each heatsink with the 92mm fan is able to maintain performance in a compact build.

Easy Installation

Tool-free mounting system ensures hassle-free installation. Universal retention brackets are compatible with latest Intel and AMD socket CPU.

Specifications:

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Specifications	
Product Code	CC-CH412R
Product Number	RR-H412-20PK-R2
CPU Socket	LGA2066, LGA2011-v3, LGA2011, LGA1151, LGA1155, LGA1156, LGA1366, LGA775, LGA1150, AM4, AM3+, AM3, AM2+, FM2+, FM2, FM1
Dimensions (L x W x H)	102 x 83.4 x 136 mm / 4.0 x 3.3 x 5.4 inch
Heat Sink Dimensions (L x W x H)	90 x 63.5 x 136 mm / 3.5 x 2.5 x 5.4 inch
Heat Sink Material	4 Heat Pipes, Direct Contact, Aluminum Fins
Heat Sink Weight	358g / 0.79lb
Heat Pipe Dimensions	Ø6mm
Fan Dimensions (L x W x H)	92 x 92 x 25 mm / 3.6 x 3.6 x 1 inch
Fan Speed	600-2000 RPM (PWM) +/- 10%
Fan Airflow	34.1 CFM +/- 10%
Fan Air Pressure	1.79 mmH2O +/- 10%
Fan MTTF	40,000 Hours
LED Color	RGB Ready
Fan Noise Level	29.4 dBA
Fan Power Connector	4-Pin (PWM)
Fan Rated Voltage	12V DC
Fan Rated Current	0.2A
Fan Safety Current	0.4A
Fan Power Consumption	2.4 W
Cooler Type	Air Cooler
Serie	Hyper

Product Information Online

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

Product page: https://www.comx.co.za/CC-CH412R-Coolermaster-Hyper-H412R-CPU-Cooler-p-230643.php

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