CL-P021-CA12RE-A

Thermaltake Riing Silent 12 Pro Red CPU Cooler

Product Overview

Thermaltake Riing Silent 12 Pro Red CPU Cooler, Compatibility: Intel LGA 2066/ 2011-3/ 2011/ 1366/ 1156/ 1155/ 1151/ 1150/ 775, AMD AM4/ FM2/ FM1/ AM3+/ AM3/ AM2+/ AM2



Specifications

Overview:

Thermaltake Riing Silent 12 Pro CPU cooler has implemented a special designed 11 fan-blade 120mm PWM fan which is fit to enhance the airflow as well as produces an impressive cooling performance. Most importantly, the Riing Silent 12 Pro series is aesthetics in performance. Hydraulic bearing for silent operation guarantees ultra-low noise. The patented LED ring maintains color and brightness uniformity. Especially, the lighting effect is visible from all sides and angles.

Features:

Eleven Fan Blade Design
Eleven fan blades are engineered to generate large volume of air passing through the heatsink at any angle and make a perfect balance between silent and performance. Riing Silent 12 Pro series is designed with PWM function which allows the motherboard to run the fan precisely at its necessary speed. This guarantees the required cooling performance as well as minimizes the noise level.

Wind Blocker Frame
To achieve maximum cooling performance in all applications, the wind blocker frame is designed to direct airflow towards the middle section of the blade, thereby creating a compression effect and blocking any air from escaping. This special design reduces the blade's noise and vibration, creating a perfect balance between power and sound.

Patented Riing LED
The color and brightness uniformity of the patented LED ring is visible from all directions and adds style to the chassis.

Hydraulic Bearing Design
The hydraulic bearing self-lubricates with a high quality, friction-reducing substance that lowers operation noise and enhance thermal efficiency. The seal cap prevents leakage of the lubricant and improves the lifespan of the unit.

Optimized Silent Operation

For acoustic test, the Riing Silent 12 Pro series was tested in a semi-anechoic chamber which includes anti-vibration, sound-proof, and sound-absorbing effect. With a LNC (Low-Noise Cable), the Riing Silent 12 Pro series can reduce 37% of noise level from 21.7dBA to 13.5 dBA, and 50% of fan speed.

Thermal Image Demonstrates for Heat Distribution
The Riing Silent 12 Pro series delivers outstanding cooling performance, keeping the temperature between 24 °C and 29.4°C (ambient temperature is 21°C) @Intel® Core™ i7-4770K 3.8Ghz at full Load.

Superior Heat Dissipation
Optimized 0.5mm thickness aluminum fins with 2.7mm air gap, and 5 x Ø6mm solid copper heat-pipes are designed for rapid heat dissipation, allowing maximum heat conductivity. The tower's side flow design delivers the best cooling performance. In addition, the heat-pipes are in continuous direct contact with the CPU to ensure fast and efficient heat dissipation.

Special-Designed Fan Clips
The Riing Silent 12 Pro series is special designed with fan clips that can combine the fan and the cooler tightly. Also, the fan clips can make assembly and dismantling more easily in process.

Anti-Vibration Mounting Systems with Non-Interference Cooling
Anti-vibration rubber pads strengthen stability during operation and provide hassle-free usage for 80% protection coverage, including all four corners. The Riing Silent 12 Pro series also solves the co-existing problem of high performance RAM and CPU coolers, achieving the best RAM clearance.

Specifications:

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Specifications	
Product Code	CL-P021-CA12RE-A
Compatibility	Intel LGA 2066 / 2011-3 / 2011 / 1366 / 1156 / 1155 / 1151 / 1150 / 775
	AMD AM4/FM2/FM1/AM3+/AM3/AM2+/AM2
Dimension	140L*102W*160H mm
Heatsink Material	Aluminum Fins, Copper Heatpipes
Heatpipe	Ø6mm x 5 pcs
Fan Dimension	120 x 120 x 25 mm(L xW x H)
Fan quantity	1pcs
Fan Speed	500~1400 RPM
	300~700 RPM (with LNC)
Rated Voltage	12V
Start Voltage	9.0 V
Rated Current	0.21 A
Power Input	2.52 W
Air Flow	53 CFM
Air Pressure	1.23 mm-H2O

Acoustical Noise	19 dBA
	12 dBA(with LNC)
Life time/Fan Life time	40,000 hours
pin connect	4 pin PWM + LNC (Low-Noise Cable)
	50% fan speed and 37% noise can be reduced
Cooling Power	170 W
Weight	884 g

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/CL-P021-CA12RE-A-Thermaltake-Riing-Silent-12-Pro-Red-CPU-Cooler-p-220771.php

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