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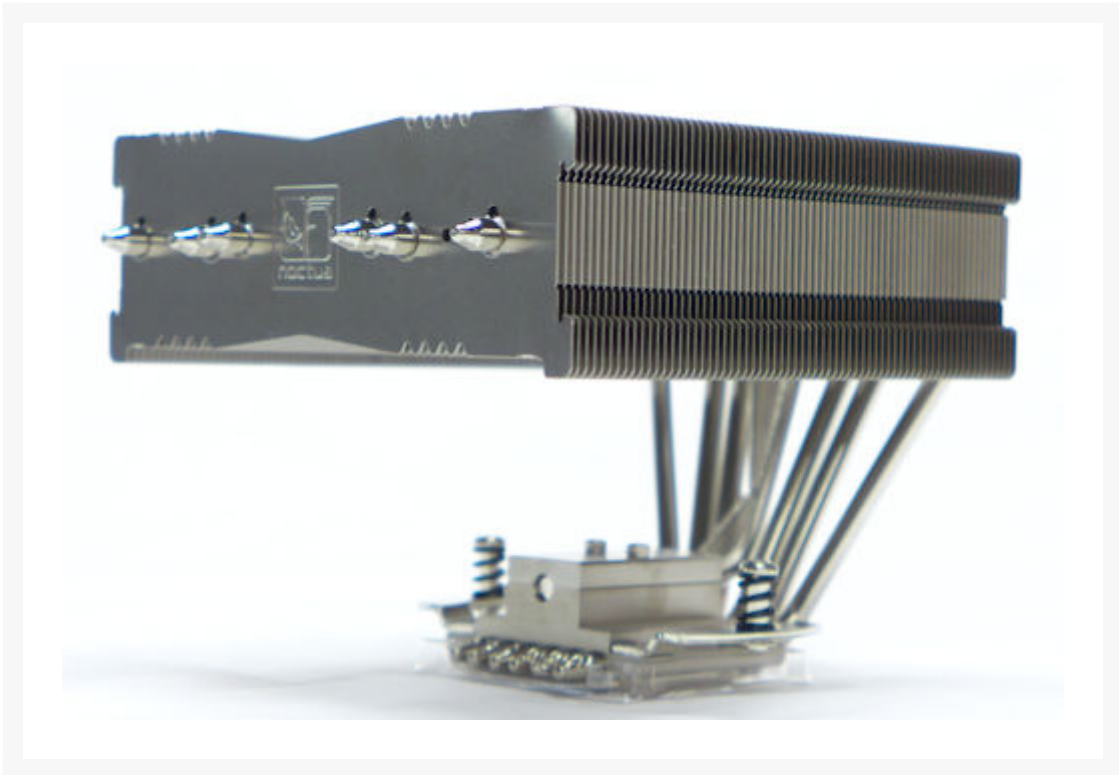Follow Us Twitter

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Noctua NH-C14S 140mm CPU Cooler

$74.95

Product Images

Short Description

Successor to the award-winning NH-C14, the NH-C14S is an elite class top-flow CPU cooler that is extremely efficient, highly compatible and remarkably adjustable.

Description

Successor to the award-winning NH-C14, the NH-C14S is an elite class top-flow CPU cooler that is extremely efficient, highly compatible and remarkably adjustable. Thanks to its deeper fin stack and the renowned NF-A14 PWM fan, the single fan NH-C14S provides similar quiet cooling performance to its dual fan predecessor while being even more versatile: With the fan installed on top of the fins, the cooler is compatible with RAM modules of up to 70mm height. With the fan installed underneath the fins, the total height of the cooler is only 115mm, making it suitable for use in many HTPC cases. At the same time, the new offset layout allows it to clear the top PCIe slot on most µATX and ATX motherboards. Topped off with the trusted, pro-grade SecuFirm2™ multi-socket mounting system, Noctua's proven NT-H1 thermal compound and full 6 years manufacturer's warranty, the NH-C14S is a premium quality top-flow solution for the highest demands.

Features

Based on the award-winning NH-C14
Having received more than 200 awards and recommendations from leading international hardware websites and magazines, the NH-C14 has become an established reference for 140mm top-flow coolers. With its deeper fin stack and more efficient NF-A14 PWM fan, the new S-version provides similar performance and further improved compatibility.

C-Type top-flow design
The c-type top-flow design of the NH-C14S not only allows for superb quiet cooling performance while maintaining a much lower profile than today's 140mm tower-style coolers but also ensures excellent airflow over RAM modules and near-socket motherboard components.

Low Profile Mode
Run with the NF-A14 fan installed underneath the fin stack, the NH-C14S stands only 115mm tall, which is much lower than tower coolers with 140mm or 120mm fans and allows it to fit many desktop style or HTPC cases.

High Clearance Mode
Run with the NF-A14 fan installed on top, the NH-C14S provides extended clearance underneath the fin stack. This way, it is fully compatible with chipset coolers and RAM modules with heat-spreaders of up to 70mm height.

Offset design for PCIe clearance
Compared to the original NH-C14, the layout of the NH-C14S has been offset in two axis. Thanks to this measure, the heatsink will clear the top PCIe slot on most µATX and ATX motherboards when the bendings of the heatpipes face the PCIe slots or the I/O panel.*

NF-A14 140mm premium fan
Featuring sophisticated aerodynamic optimisations such as Flow Acceleration Channels, the NF-A14 is renowned to be among the best quiet 140mm fans on the market. Combined with the deeper fin stack of the NH-C14S, it allows the cooler to achieve similar performance levels as its dual fan predecessor despite only using a single NF-A14.

PWM support and Low-Noise Adaptor
The NF-A14 premium fan supplied with the NH-C14S supports PWM for convenient automatic speed control through the motherboard. In addition, the maximum fan speed can be reduced from 1500 to 1200rpm using the supplied Low-Noise Adaptor for even quieter operation.

SecuFirm2™ mounting system
Noctua's SecuFirm2™ mounting systems have become synonymous with quality, safety and ease of use. Supporting Intel LGA2066, LGA2011-0 &LGA2011-3 (Square ILM)), LGA1156, LGA1155, LGA1151, LGA1150, AMD AM2, AM2+, AM3, AM3+, FM1, FM2, FM2+ (backplate required), AM4 with NM-AM4, the SecuFirm2™ mounting included with the NH-C14S guarantees perfect contact pressure and maximum convenience on all current sockets.

Compatibility with past and future sockets
Complying with the open SecuFirm™ standard, the NH-C14S can be made compatible with the older LGA1366 and LGA775 sockets using the optional NM-I3 mounting kit, which is provided by Noctua free of charge. If technically possible, Noctua will also provide upgrade kits for future sockets.

NT-H1 thermal compound
Having received more than 100 awards and recommendations from hardware journalists around the world, Noctua's NT-H1 is a proven professional grade TIM solution that provides minimum thermal resistance, excellent ease of use and outstanding reliability.

6 years warranty
Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-A14 features an MTBF rating of more than 150.000 hours and the entire NH-C14S package comes with a full 6 years manufacturer's warranty.

*Please refer to our motherboard compatibility list for detailed information.

Specifications

Socket compatibility	Intel LGA2066, LGA2011-0 &LGA2011-3 (Square ILM)), LGA1156, LGA1155, LGA1151, LGA1150, AMD AM2, AM2+, AM3, AM3+, FM1, FM2, FM2+ (backplate required), AM4 with NM-AM4
Height (without fan)	115 mm

Width (without fan)	140 mm
Depth (without fan)	163 mm
Height (with fan)	115 / 142 mm
Width (with fan)	140 mm
Depth (with fan)	163 mm
Weight (without fan)	820 g
Weight (with fan)	1015 g

Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Max. TDP	see TDP guide
Fan compatibility	140x140x25mm (with square frame)
Scope of Delivery	• 1x NF-A14 PWM premium fan • Low-Noise Adaptor (L.N.A.) • Fan clips for second fan • NT-H1 high-grade thermal compound • SecuFirm2™ Mounting Kit • Noctua Metal Case-Badge
Warranty	6 Years
Fan specifications	

Model	1x Noctua NF-A14 PWM
Bearing	SSO2
Max. Rotational Speed (+/- 10%)	1500 RPM
Max. Rotational Speed with L.N.A. (+/- 10%)	1200 RPM
Min. Rotational Speed (PWM, +/-20%)	300 RPM
Max. Airflow	140,2 m³/h
Max. Airflow with L.N.A.	115,5 m³/h

Max. Acoustical Noise	24,6 dB(A)
Max. Acoustical Noise with L.N.A.	19,2 dB(A)
Input Power	1,56 W
Voltage Range	12 V
MTBF	> 150.000 h

Additional Information

Brand	Noctua
SKU	NH-C14S
Weight	5.0000
Color	Brown
Material	Copper/Aluminum
Fan Dimensions	140mm
Fan Connection	4-Pin PWM