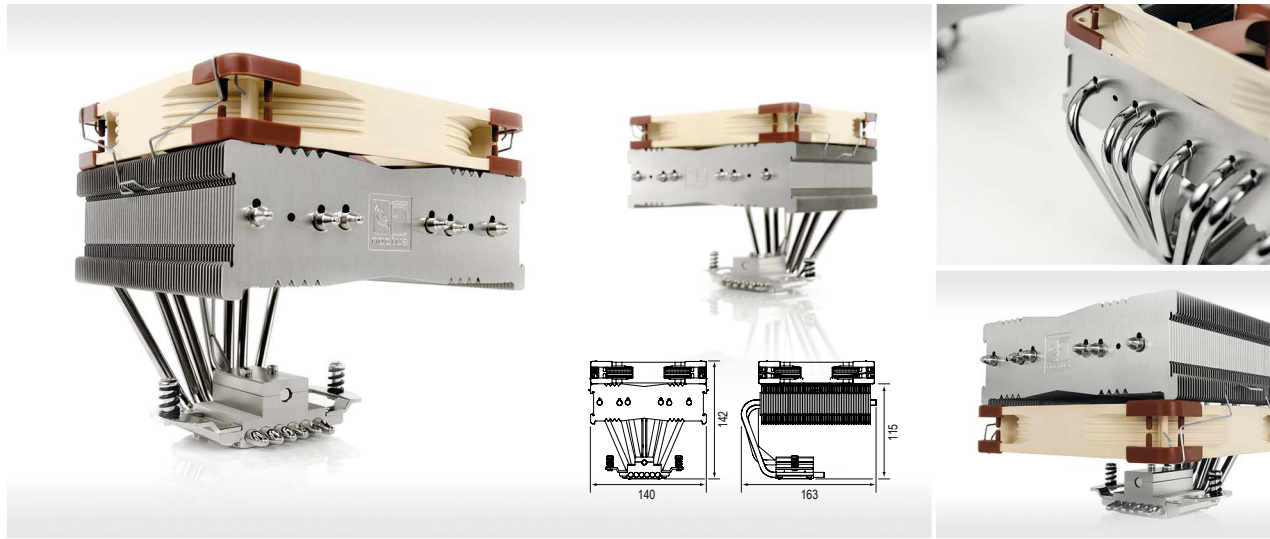


# NH-C14S

# Noctua NH-C14S C-Type Premium Cooler



Succeeding 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 as 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 to clear the top PCIe slot on most  $\mu$ ATX and ATX mainboards. 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.

### 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 mainboard components.

### Low Profile Mode

Run with the NF-A14 PWM 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 PWM 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.

### SecuFirm2™ mounting system

Noctua's SecuFirm2™ mounting systems have become synonymous with quality, safety and ease of use. Supporting Intel LGA115x (LGA1150, LGA1151, LGA1155, LGA1156), LGA2011 and AMD (AM3(+), AM2(+), FM1, FM2(+)), the SecuFirm2™ mounting included with the NH-C14S guarantees perfect contact pressure and maximum convenience on all current sockets.

### 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  $\mu$ ATX and ATX mainboards when the bendings of the heatpipes face the PCIe slots or the I/O panel.\*

### 6 years warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-A14 PWM 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.

*\*On ITX motherboards, please verify that the distance between the center of the socket and the PCIe slot is more than 65mm and note that depending on the position of the socket, the NH-C14S may overhang the edges of the mainboard. Please refer to this FAQ for detailed measurements.*

### COOLER SPECIFICATIONS

Socket compatibility	Intel LGA2011 (LGA2011-0, LGA2011-3)
	Intel LGA115x (LGA1150, LGA1151, LGA1155, LGA1156)
	AMD AM2, AM2+, AM3, AM3+, F.M1, FM2
Dimensions	115 x 140 x 163 mm
Dimensions with NF-A14 PWM (underneath)	115 x 140 x 163 mm
Dimensions with NF-A14 PWM (on top)	142 x 140 x 163 mm
Weight	820 gr
Weight with NF-A14 PWM	1.015 gr
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	140 x 140 x 25 mm

### FAN SPECIFICATIONS

#### Noctua NF-A14 PWM

Dimensions	140 x 140 x 25 mm
Connector	4-pin PWM
Bearing	SS02-Bearing
Blade Geometry / Frame Technology	A-Series with Flow Acceleration Channels / AAO Frame
Max. Input Power / Volate Range	1.56 W / 12 V
MTBF	> 150.000 h

NF-A14 PWM	Fan without Adaptor	with L.N.A.
Max. Rotational Speed (+/-10%)	1500 RPM	1200 RPM
Max. Airflow	140.2 m <sup>3</sup> /h	115.5 m <sup>3</sup> /h
Max. Acoustical Noise	24.6 dB(A)	19.2 dB(A)
Max. Static Pressure	2.08 mmH2O	1.51mmH2O

### LOGISTIC DATA

Product Name	Noctua NH-C14S
EAN-No.	471612331569-8
UPC-No.	84243101262-3
Dimensions (HxWxD)	245 x 200 x 185 mm
Weight	1.850 gr
Warranty	6 Years
MSPR	74.90 EUR
Packaging Unit	8 Pcs
Dimensions / Unit (HxWxD)	530 x 440 x 420 mm
Weight / Unit	18.4 kg

### SCOPE OF DELIVERY

- 1x NH-C14S Heatsink
- 1x NF-A14 PWM 140mm Premium Fan
- 1x SecuFirm2™ Multi-Socket Mounting Kit
- 1x NT-H1 High-Grade Thermal Compound
- 1x Low-Noise Adaptor (L.N.A.)