

Noctua NH-U9S U-Type Tower Cooler

NH-U9S



Continuing the renowned legacy of Noctua's award-winning NH-U9 series, the NH-U9S is a premium quality quiet CPU cooler in classic 9cm size. Its asymmetrical design with 5 heatpipes not only provides even better cooling performance than the previous generation but also improves compatibility. Thanks to its 95x95mm footprint, the NH-U9S dears the RAM and PCIe slots on all Intel and most AMD based mainboards, including µATX and ITX. Combined with its 125mm height, this makes the NH-U9S a highly versatile solution with excellent case, RAM and PCIe compatibility. The included NF-A9 premium fan supports automatic speed control via PWM for outstanding quietness of operation and a second, optional NF-A9 fan can be added for further improved performance in dual fan mode. 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-U9S is a deluxe choice through and through.

LOGISTIC DATA

Product Name	Noctua NH-U9S
EAN-No.	4716123315575
UPC-No.	842431012463
Dimensions (HxWxD)	119 x 114 x 116 mm
Weight	1228 gr
Warranty	6 Years
MSRP	54.90 EUR
Packaging Unit	12 Pcs
Dimensions / Unit (HxWxD)	490 x 390 x 360 mm
Weight / Unit	15.9 kg

SCOPE OF DELIVERY

NH-U9S heatsink
NF-A9 PWM premium fan
Low-Noise Adaptor (L.N.A.)
NT-H1 high-grade thermal compound
SecuFirm ² ™ Mounting Kit
Installation-kit for second NF-A9 fan (optional)

Award-winning NH-U series

The NH-U9S stems from Noctua's award-winning NH-U9 series. First introduced in 2005, the NH-U9 series has become a standard choice for premium quality quiet CPU coolers and won more than 800 awards and recommendations from leading international hardware websites and magazines.

S version with better compatibility

Like its bigger brothers NH-U12S and NH-U14S, the NH-U9S features a revised, slimmer layout. Whereas the NH-U9B SE2 was 120mm deep with its two stock fans, the NH-U9S is asymmetrically built and measures only 95mm with its single, more efficient NF-A9 fan, thus providing better performance and compatibility at the same time.

100% compatibility with PCIe cards on mini-ITX

Many Intel LGA115x based mini-ITX mainboards have the PCIe slot sitting right next to the 95x95mm socket zone. While larger coolers that exceed this zone are likely to block the PCIe slot, the 95x95mm sized NH-U9S provides full compatibility with PCIe cards, be it on ATX, microATX or ITX.

NF-A9 premium fan

The highly optimised NF-A9 premium fan features Noctua's proprietary AAO frame as well as sophisticated aerodynamic design measures such as Flow Acceleration Channels, which allows it to further improve the renowned efficiency of Noctua's previous 92mm models and contributes to the NH-U9S's superior cooling performance.

Dual fan ready

The NH-U9S includes an extra set of fan mounting clips for users who want to achieve even better cooling performance by adding a second, optional NF-A9 PWM fan in order to create a push/pull setup. Using the y-cable supplied with the NF-A9 PWM retail fan, both fans can be connected to one CPU fan header.

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-U9S guarantees perfect contact pressure and maximum convenience on all current sockets.

PWM support and Low-Noise Adaptor

The NF-A9 92mm fan supplied with the NH-U9S supports PWM for convenient automatic speed control through the mainboard. In addition, the maximum fan speed can be reduced from 2000 to 1550rpm using the supplied Low-Noise Adaptor for even quieter operation.

COOLER SPECIFICATIONS

Socket compatibility	Intel LGA2011-0, LGA2011-3, LGA115x (LGA115, LGA1151, LGA1155, LGA1156) & AMD AM2(+), AM3(+), FM1, FM2(+)- backplate required
Dimensions	125x95x68 mm
Dimensions with NF-A9PWM	125x95x97 mm
Weight / Weight with NF-A9 PWM	524g / 618g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x25 mm

FAN SPECIFICATIONS

Noctua NF-A9PWM

Dimensions	92x92x25 mm
Connector	4-pin PWM
Bearing	SSO2-Bearing
Blade Geometry / Frame Technology	Focused Flow™ / AAO™
Max. Input Power / Volatate Range	1.2 W / 12 V
MIBF	> 150.000 h

NF-A9 PWM	Fan without Adapter	with L.N.A.
Max. Rotational Speed (+/-10%)	2000 RPM	1550 RPM
Max. Airflow	78.9 m ³ /h	62.6 m ³ /h
Max. Acoustical Noise	22.8 dB(A)	16.3 dB(A)
Max. Static Pressure	2.28 mmH ₂ O	1.53 mmH ₂ O