



Noctua NH-L9X65 92mm Low-Profile Performance CPU Cooler

\$54.95

Product Images



Short Description

The NH-L9x65 is a taller, performance-enhanced version of Noctua's award-winning NH-L9 low-profile coolers. With 65 instead of 37mm height and four instead of two heatpipes, the NH-L9x65 is more powerful than its smaller siblings yet retains their 95x95mm footprint, which guarantees 100% RAM and PCIe compatibility on Intel based ITX mainboards and makes the cooler more convenient to work with as it doesn't overhang near-socket connectors.

Description

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Caution: The NH-L9x65 is a highly-compact low-profile quiet cooler designed for use in small form factor cases and HTPC environments. While it provides first rate performance in its class, it is not suitable for overclocking and should be used with care on CPUs with more than 84W TDP (Thermal Design Power). Please consult our [TDP guidelines](#) to find out whether the NH-L9x65 is recommended for your CPU.

Features

65mm low profile

Due to its compact heatsink and the 14mm thin NF-A9x14 low profile fan, the NH-L9x65 stands only 65mm tall (the same height as low-profile expansion cards), which makes it ideal for use in compact HTPCs or Small Form Factor cases that offer limited clearance for CPU coolers.

100% RAM compatibility on Intel platforms

The NH-L9x65 has a 95x95mm footprint that complies exactly to the Intel LGA115x socket keep-out zone. This means that it won't cause issues with chipset coolers and doesn't overhang the RAM slots, making it fully compatible with tall memory modules.

100% compatibility with PCIe cards on ITX

Many Intel LGA115x based mini-ITX mainboards have the PCIe slot sitting close to the 95x95mm socket zone. While larger coolers that exceed this zone may block the PCIe slot, the 95x95mm sized NH-L9i provides full compatibility with PCIe cards.

Easy access to near-socket connectors

Many low-profile coolers use larger fans or heatsinks in order to achieve sufficient cooling performance, but protruding over the socket zone, they make it difficult or even impossible to reach near-socket connectors on tightly packed ITX mainboards. Thanks to its 95x95mm footprint, the NH-L9x65 provides easy access to all connectors and components.

NF-A9x14 PWM premium fan

The highly optimised NF-A9x14 premium fan features Noctua's proprietary AAO frame as well as sophisticated aerodynamic design measures. Supporting PWM for fully automatic speed control, the NF-A9x14 allows the NH-L9x65 to stay remarkably quiet.

Low-Noise Adaptor

Allowing to reduce the maximum speed of the NF-A9x14 fan from 2500 to 1800rpm, the included Low-Noise Adaptor (L.N.A.) makes it possible to achieve near-silent setups using CPUs with up to 65W TDP.

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-L9x65 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-L9x65 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-A9x14 features an MTBF rating of more than 150.000 hours and the entire NH-L9x65 package comes with a full 6 years manufacturer's warranty.

Specifications

Socket compatibility

Intel LGA2011-0 & LGA2011-3(Square ILM), LGA1156, LGA1155, LGA1151, LGA1150 & AMD AM2, AM2+, AM3, AM3+, FM1, FM2, FM2+ (backplate required)

Height (without fan)

51 mm

Width (without fan) 95 mm

Depth (without fan) 95 mm

Height (with fan) 65 mm

Width (with fan) 95 mm

Depth (with fan) 95 mm

Weight (without fan) 340 g

Weight (with fan) 413 g

Material Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating

Max. TDP see [TDP guide](#)

Fan compatibility 92x92x14, 92x92x25

Scope of Delivery

- NF-A9x14 PWM premium fan
- Low-Noise Adaptor (L.N.A.)
- NT-H1 high-grade thermal compound
- SecuFirm2™ Mounting Kit
- Noctua Metal Case-Badge

Warranty

6 Years

Fan specifications

Model

Noctua NF-A9x14 PWM

Bearing

SSO2

Max. Rotational Speed (+/- 10%)

2500 RPM

Max. Rotational Speed with L.N.A. (+/- 10%)

1800 RPM

Min. Rotational Speed (PWM, +/-20%)

600 RPM

Max. Airflow

57,5 m³/h

Max. Airflow with L.N.A. 40,8 m³/h

Max. Acoustical Noise 23,6 dB(A)

Max. Acoustical Noise with L.N.A. 14,8 dB(A)

Input Power 2,52 W

Voltage Range 12 V

MTBF > 150.000 h

Additional Information

Brand	Noctua
SKU	NH-L9X65
Weight	1.5000
Color	Brown
Material	Copper/Aluminum
Fan Dimensions	92mm
Fan Connection	4-Pin PWM

