

NH-L9x65

Noctua NH-L9x65 L-Type Premium Cooler



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. Thanks to the highly optimised NF-A9x14 premium fan that supports fully automatic speed control via PWM, the NH-L9x65 runs remarkably quiet. Topped off with the professional SecuFirm2™ multi-socket mounting system for Intel and AMD, Noctua's renowned NT-H1 thermal compound and 6 years manufacturer's warranty, the NH-L9x65 fuses everything users have come to expect from Noctua's larger coolers into a compact premium package for space restricted systems.

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.

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.

100% RAM compatibility on Intel platforms

The NH-L9x65 has a 95x95mm footprint that complies exactly to the Intel LGA115x/1200/17xx 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.

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.

6 years warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-A9x14 features an MTF rating of more than 150,000 hours and the entire NH-L9x65 package comes with a full 6 years manufacturer's warranty.

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 100W TDP (Thermal Design Power). Please consult our TDP guidelines to find out whether the NH-L9x65 is recommended for your CPU.

NH-L9x65 HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM4, AM5 & Intel LGA1700 (LGA17xx family), LGA1200, LGA115x (LGA1150, LGA1151, LGA1155, LGA1156) and LGA20xx (LGA2066, LGA2011-0 & LGA2011-3 Square ILM)
Dimensions	95x95x51 mm
Dimensions with NF-A9x14 PWM	95x95x65 mm
Weight	340 g
Weight with NF-A9x14 PWM	413 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x14 mm & 92x92x25 mm

NF-A9x14 PWM FAN SPECIFICATIONS

Dimensions	92x92x14 mm	
Connector	4-pin PWM	
Bearing	SS02	
Blade geometry	A-Series with Flow Acceleration Channels	
Frame technology	AAO	
Max. input power	2.52 W	
Voltage	12 V	
MTTF	> 150,000 h	
NF-A9x14 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/-10%)	2500 RPM	1800 RPM
Max. airflow	57.5 m³/h	40.08 m³/h
Max. acoustical noise	23.6 dB(A)	14.8 dB(A)
Max. static pressure	2.11 mmH ₂ O	1.06 mmH ₂ O

LOGISTIC DATA

Product name	Noctua NH-L9x65
EAN	4716123315629
UPC	842431012517
Packaging dimensions (HxWxD)	185x135x135 mm
Weight incl. packaging	985 g
Warranty	6 years
Packaging unit	12 pcs
Packaging dimensions / unit (HxWxD)	430x385x295 mm
Weight incl. packaging / unit	12.80 kg

SCOPE OF DELIVERY

NH-L9x65 Heatsink
NF-A9x14 PWM premium fan
Low-Noise Adaptor (L.N.A.)
NT-H1 thermal compound
SecuFirm2™ mounting kit