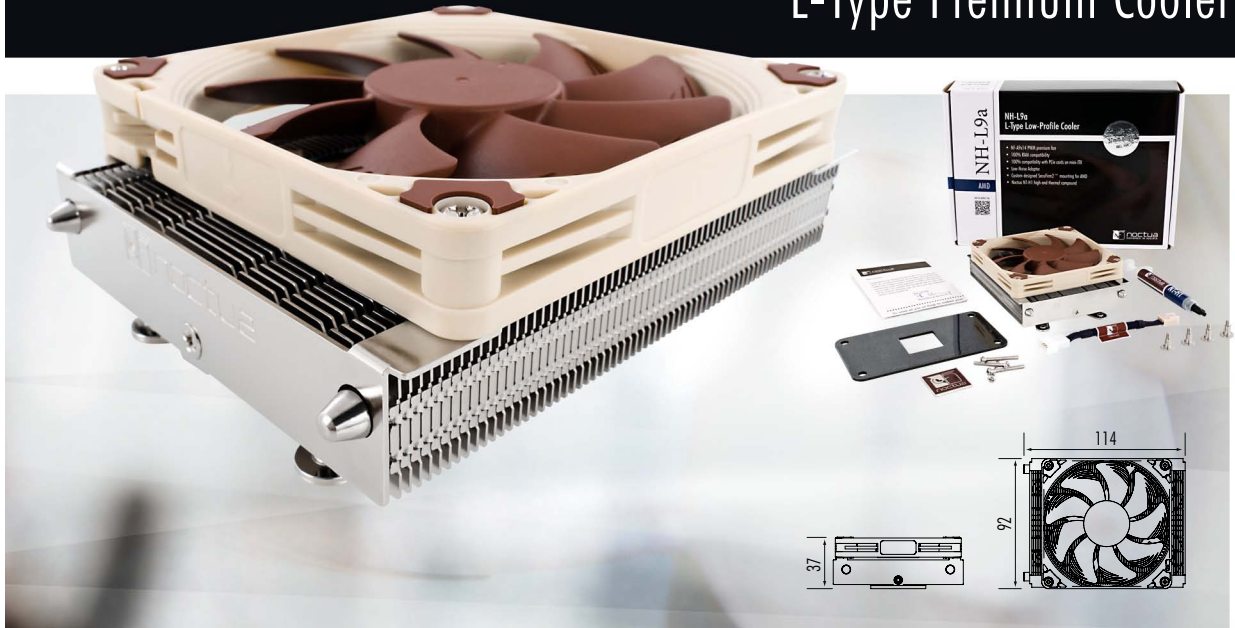


Noctua NH-L9a L-Type Premium Cooler

NH-L9a



The NH-L9a is a premium quality quiet CPU cooler for AMD based HTPCs and Small Form Factor systems. At a super-low profile of only 37mm, the NH-L9a is ideal for extremely slim cases and due to its 92x114mm footprint, it provides excellent compatibility with tall RAM modules and other components on mini-ITX mainboards. The custom designed SecuFirm2™ mounting system for AM3+/FM1/FM2 makes installation a child's play and thanks to the highly optimised NF-A9x14 premium fan that supports fully automatic speed control via PWM, the NH-L9a runs remarkably quiet. Topped off with Noctua's renowned NT-H1 thermal compound, the NH-L9a fuses everything users have come to expect from Noctua's larger coolers into a super-compact package for slim HTPC systems.

37mm low profile

Due to the slim 23mm heatsink and the NF-A9x14 low profile fan that measures only 14mm in thickness, the NH-L9 stands a mere 37mm tall, which makes it ideal for use in compact HTPCs or Small Form Factor cases that offer minimum 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-L9a to stay remarkably quiet.

100% compatibility with PCIe cards on mini-ITX

Some AMD based mini-ITX mainboards have the PCIe slot sitting close to the 96x114mm socket zone. While larger coolers that exceed this zone may block the PCIe slot, the 92x114mm sized NH-L9a provides full compatibility with PCIe cards.

Custom-designed SecuFirm2™ mounting for AMD

The NH-L9a bundles a custom-designed SecuFirm2™ mounting system for AM2(+)/AM3(+)/FM1/FM2 that offers extended compatibility with mini-ITX boards and makes installation easier than ever, all while maintaining the trusted SecuFirm2™ quality.

100% RAM compatibility

The NH-L9a has a 92x114mm footprint that complies to the 96x114mm keep-out zone specified by AMD. This means that it doesn't overhang the RAM slots, so it's fully compatible with tall memory modules.

NT-H1 thermal compound

Noctua's much-acclaimed NT-H1 is a well proven pro-grade TIM solution that provides minimum thermal resistance, excellent ease-of-use and outstanding reliability.

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 less than 65W TDP.

6 years manufacturer's 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-L9a package comes with a full 6 years manufacturer's warranty.

COOLER SPECIFICATIONS

Socket compatibility	AMD AM2(+)/AM3(+)/FM1/FM2
Dimensions	114x92x23mm
Dimensions with NF-A9x14	114x92x37mm
Weight without fan	390g
Weight with NF-A9x14	465g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x14mm & 92x92x25mm

FAN SPECIFICATIONS

Noctua NF-A9x14 PWM		
Dimensions	92 x 92 x 14 mm	
Connector	4-pin PWM	
Bearing	SS02-Bearing	
Blade Geometry / Frame Technology	A-Series with Flow Acceleration Channels/ AAO Frame	
Max. Input Power / Voltage Range	2.52 W / 12 V	
MTBF	> 150.000 h	
NF-A9x14 PWM	Fan without Adaptor	with L.N.A.
Max. Rotational Speed (+/-10%)	2500 RPM	1800 RPM
Max. Airflow	57.5 m³/h	40.8 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-L9a

EAN-No.
471612331488-2

UPC-No.
84243101427-6

Dimensions (HxWxD)
114 x 95 x 23 mm

Weight
390 gr

Warranty
6 Years

MSPR
39.90 EUR

Packaging Unit
24 Pcs

Dimensions / Unit (HxWxD)
461 x 440 x 248 mm

Weight / Uni
19.70 kg

SCOPE OF DELIVERY

- 1x NH-L9a Heatsink
- 1x NF-A9x14 PWM Premium fan
- 1x Low-Noise Adaptor (L.N.A.)
- 4 x Screws for 92x92x25mm fans
- NT-H1 high-grade thermal compound
- SecuFirm2™ Montage-Kit