

NH-L9x65 SE-AM4

Noctua NH-L9x65 SE-AM4 L-Type Premium Cooler



Having received more than 100 awards and recommendations from international hardware websites and magazines, Noctua's compact NH-L9x65 has become a standard choice among 65mm tall low-profile coolers. The SE-AM4 version is a dedicated special edition for AMD's AM4 platform featuring the latest SecuFirm2™ mounting system for AM4. Topped off with the renowned quiet NF-A9x14 PWM 92mm fan, Noctua's proven NT-H1 thermal compound and a full 6-year manufacturer's warranty, the NH-L9x65 SE-AM4 forms a complete premium-quality solution for AM4-based ITX builds and HTPC systems.

Award-winning NH-L9x65 cooler

Tens of thousands of enthusiast users all over the world swear by the NH-L9x65's quality and performance. Recommended by more than 100 international hardware websites and magazines, it is renowned for being one of the best sub-70mm low-profile heatsinks on the market.

Dedicated special edition for AM4

The NH-L9x65 SE-AM4 brings the NH-L9x65's signature quiet cooling performance to AMD's new AM4 platform. With its highly compact design and low profile, it is ideal for cooling lower TDP AM4 CPUs in HTPC or Small Form Factor cases.

100% RAM compatibility on Intel platforms

Being 95mm wide, the NH-L9x65 SE-AM4 complies with the AMD AM4 socket's 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.

Easy access to near-socket connectors

Many low-profile coolers use larger fans or heatsinks in order to achieve sufficient cooling performance, but by 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 compact footprint, the NH-L9x65 provides easy access to all connectors and components.

Low-Noise Adaptor

By allowing the reduction of the maximum speed of the NF-A9x14 fan from 2500 to 1800rpm, the included LNA makes it possible to achieve near-silent setups using CPUs with up to 65W TDP.

SecuFirm2™ mounting system for AM4

Noctua's SecuFirm2™ mounting systems have become synonymous with quality, safety and ease of use. In order to achieve the best compatibility and to match the airflow path inside the case, the SecuFirm2™ mounting for AM4 makes it possible to install the cooler either in standard orientation or turned by 90°.*

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 SE-AM4 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 95W TDP (Thermal Design Power). Please consult our TDP guidelines to find out whether the NH-L9x65 is recommended for your CPU.

COOLER SPECIFICATIONS

Socket compatibility	AM4
Dimensions without NF-A9x14 PWM	95x95x51 mm
Dimensions with NF-A9x14 PWM	95x95x65 mm
Weight	340 gr
Weight with NF-A9x14 PWM	413 gr
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x14mm & 92x92x25mm

FAN SPECIFICATIONS

Noctua NF-A9x14 PWM		
Dimensions	92x92x14 mm	
Connector	4-pin PWM	
Bearing	SS02-Bearing	
Blade geometry / Frame technology	A-Series with Flow Acceleration Channels / AA0 Frame	
Max. input power / Voltage range	2.52 W / 12 V	
MTBF	> 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 mmH2O	1.06 mmH2O

* The possibility of installing the cooler turned by 90° depends on the free space around the CPU socket and can thus vary from motherboard to motherboard.

LOGISTIC DATA

Product name	Noctua NH-L9x65 SE-AM4
EAN-No.	901001800008-5
UPC-No.	84150110008-6
Dimensions (HxWxD)	185 x 135 x 135 mm
Weight	850 gr
Warranty	6 Years
MSPR	49.90 USD
Packaging unit	12 Pcs
Dimensions / Unit (HxWxD)	430 x 385 x 295 mm
Weight / Unit	11.00 kg

SCOPE OF DELIVERY

1x NF-A9x14 PWM premium fan
1x SecuFirm2™ mounting kit AM4
1x NT-H1 high-grade thermal compound
1x Low-Noise Adaptor (L.N.A.)