

# NH-L12 Ghost S1 Edition

# Noctua NH-L12 Ghost S1 Edition L-Type Premium Cooler



Noctua's classic NH-L12 has proven to be the best air cooling solution for Louqe's award-winning Ghost S1 enclosure. With its single NF-B9 PWM 92mm fan, the new Ghost S1 Edition is tailored for use in this case and has been updated with the latest SecuFirm2™ mounting hardware for all current mainstream sockets, including Intel LGA1200, LGA115x and AMD AM4. Topped off with Noctua's further improved, second generation NT-H2 thermal compound and a full 6-year manufacturer's warranty, the NH-L12 Ghost S1 Edition is the ideal choice for premium-grade quiet builds in the Louqe Ghost S1 chassis.

### Award-winning NH-L12 heatsink

With more than 200 awards and recommendations from international hardware websites and magazines, the original NH-L12 was one of the most successful low-profile CPU coolers ever built. With its top 120mm fan removed, it also proved to be an ideal choice for low-noise setups in the Ghost S1 chassis.

### Special edition for the Ghost S1 case

Coming with a single 92mm fan, Noctua's second generation NT-H2 thermal compound as well as the latest SecuFirm2™ multi-socket mounting system, the NH-L12 Ghost S1 Edition has been customised to be an ideal companion for quiet high-end builds in Louqe's award-winning Ghost S1 enclosure.

### 48mm RAM clearance

While the large NH-L12 heatsink extends beyond the socket zone and will overhang the RAM slots in most configurations, there is plenty of space underneath, so it is compatible with RAM modules of up to 48mm height.

### PWM support and Low-Noise Adaptors

The NF-B9 92mm fan supplied with the NH-L12 Ghost S1 Edition supports PWM for convenient automatic speed control through the motherboard: Full performance under load, virtually silent at idle! In addition, maximum fan speed can be reduced from 1600 to 1300rpm using the supplied Low-Noise Adaptor for even quieter operation.

### NT-H2 next-gen thermal compound

For high-end builds in compact cases, every degree counts. This is why the NH-L12 Ghost S1 Edition includes a tube of Noctua's next-generation NT-H2 compound that provides even better performance than the award-winning NT-H1, allowing you to achieve the best possible cooling results.

### SecuFirm2™ multi-socket mounting system

Noctua's SecuFirm2™ mounting systems have become synonymous with quality, safety and easy installation. Supporting Intel LGA115x (LGA1150, LGA1151, LGA1155, LGA1156), LGA1200 and LGA20xx (LGA2066, LGA2011-0, LGA2011-3), as well as AMD AM4, AM3(+), AM2(+), FM2(+) and FM1, the SecuFirm2™ mounting included with the NH-L12 Ghost S1 Edition is straightforward to install, provides perfect contact pressure and will stand the test of time even under heavy use.

### 6 years warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-B9 PWM features an MTF rating of more than 150,000 hours and the entire NH-L12 Ghost S1 Edition package comes with a full 6-year manufacturer's warranty.

### COOLER SPECIFICATIONS

Socket compatibility	Intel LGA2066, LGA2011-0 & LGA2011-3 (Square ILM), LGA1200, LGA1156, LGA1155, LGA1151, LGA1150 & AMD AM2, AM2+, AM3, AM3+, AM4, FM1, FM2, FM2+ (backplate required)
Dimensions without NF-B9 PWM	66x128x150 mm
Dimensions with NF-B9 PWM	66x128x150 mm
Weight without NF-B9 PWM	410 g
Weight with NF-B9 PWM	500 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x25 mm

### FAN SPECIFICATIONS

Noctua NF-B9 PWM		
Dimensions	92x92x25 mm	
Connector	4-pin PWM	
Bearing	SSO	
Blade geometry	NF-B9 Blade Design	
Max. input power / Voltage range	0.96 W / 12 V	
MTF	> 150,000 h	
NF-B9 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/-10%)	1600 RPM	1300 RPM
Max. airflow	64.3 m³/h	52.6 m³/h
Max. acoustical noise	17.6 dB(A)	13.1 dB(A)
Max. static pressure	1.61 mm H2O	1.09 mm H2O

### LOGISTIC DATA

Product name	Noctua NH-L12 Ghost S1 Edition
EAN	9010018000221
UPC	841501100222
Dimensions (HxWxD)	191x140x145 mm
Weight	1112 g
Warranty	6 years
MSPR	54.90 USD / EUR
Packaging unit	8 pcs
Dimensions / unit (HxWxD)	320x400x315 mm
Weight / unit	9.68 kg

### SCOPE OF DELIVERY

- 1x NH-L12 heatsink
- 1x NF-B9 PWM 92mm premium fan
- 1x SecuFirm2™ mounting system
- 1x NT-H2 high-grade thermal compound
- 1x Low-Noise Adaptor (L.N.A.)

