NH-U12S

Noctua NH-U12S
U-Type Premium Cooler

SCOPE OF DELIVERY

NH-U12S Heatsink

NF-F12 PWM premium fan

NA-RC6 Low-Noise Adaptor (L.N.A.)

NT-H1 high-grade thermal compound

SecuFirm2™ mounting kit

Anti-vibration pads and fan clips for NF-F12

Noctua metal case-badge

The NH-U12S is the latest 12cm model of Noctua's classic U-series single tower CPU coolers, which have received more than 400 awards and recommendations from the international press. The S-version's 45mm slim shape guarantees 100% compatibility with tall RAM modules and at the same time, its fine-tuned design and the class-leading NF-F12 Focused Flow fan with PWM support for fully automatic speed control allow it to further improve its predecessor's renowned quiet cooling performance. Topped off with the trusted, pro-grade SecuFirm2 multi-socket mounting system, Noctua's proven NT-H1 thermal compound and full 6 years manufacturer's warranty, the NH-U12S is a complete premium quality solution that combines outstanding performance, quiet operation and excellent compatibility.

Award-winning NH-U12 series

The NH-U12S is the latest version of Noctua's award-winning NH-U12 coolers. First introduced in 2005, the NH-U series has become a standard choice for premium quality quiet CPU coolers and won more than 400 awards and recommendations from leading international hardware websites and magazines.

Classic 120mm tower size for excellent overall compatibility

Standing 158mm tall, the NH-U12S is short enough to fit most modern mid- or high-end tower cases. Measuring 125mm wide (including fan and fan clips), the cooler stays clear of the top PCIe slot on most standard ATX or Micro-ATX motherboards, ensuring optimum compatibility with multi-GPU setups.
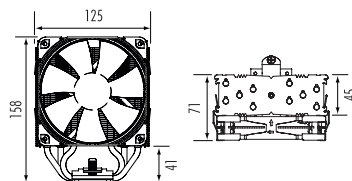
PWM support and Low-Noise Adaptor

The NF-F12 120mm fan supplied with the NH-U12S supports PWM for convenient automatic speed control through the motherboard. In addition, the maximum fan speed can be reduced from 1500 to 1200rpm using the supplied Low-Noise Adaptor for even quieter operation.

6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-F12 features an MTTF rating of more than 150,000 hours and the entire NH-U12S package comes with a full 6-year manufacturer's warranty.

NH-U12S HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM4, AM5 & Intel LGA1851, LGA1700, LGA1200, and LGA115x (LGA1150, LGA1151, LGA1155, LGA1156)
Dimensions	158x125x58 mm
Dimensions with NF-F12 PWM	158x125x112 mm
Weight	760 g
Weight with NF-F12 PWM	1220 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	120x120x15 mm & 120x120x25 mm

NF-F12 PWM FAN SPECIFICATIONS

Dimensions	120x120x25 mm
Connector	4-pin PWM
Bearing	SSO2
Blade geometry	Heptaperf™
Frame technology	Focused Flow™
Max. input power	0.6 W
Voltage	12 V
MTTF	> 150,000 h

NF-F12 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/–10%)	1500 RPM	1200 RPM
Max. airflow	93.4 m³/h	74.3 m³/h
Max. acoustical noise	22.4 dB(A)	22.4 dB(A)
Max. static pressure	2.61 mmH$_2$0	1.83 mmH$_2$0

CE UK CA RoHS
PRODUCED ACCORDING TO ISO9001 & ISO14001
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