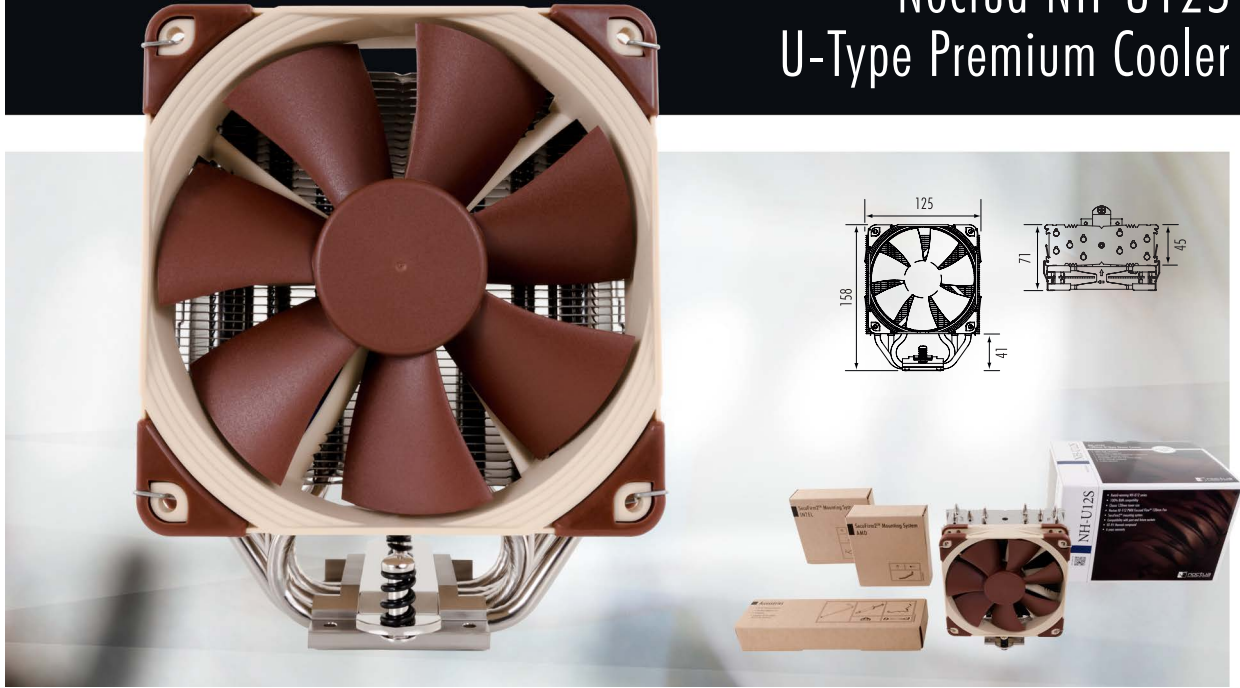


# NH-U12S

## Noctua NH-U12S U-Type Premium Cooler



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 MTF rating of more than 150,000 hours and the entire NH-U12S package comes with a full 6-year manufacturer's warranty.

### LOGISTIC DATA

Product name

Noctua NH-U12S

EAN

4716123314943

UPC

842431014306

Packaging dimensions (HxWxD)

158x125x45 mm

Weight incl. packaging

580 g

Warranty

6 years

Packaging unit

12 pcs

Packaging dimensions / unit (HxWxD)

445x355x470 mm

Weight incl. packaging / unit

18.60 kg

### SCOPE OF DELIVERY

NH-U12S Heatsink

NF-F12 PWM premium fan

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

NT-H1 thermal compound

SecuFirm2™ mounting kit

Anti-vibration pads and fan clips for NF-F12 premium fan

### 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	SS02	
Blade geometry	Heptaperf™	
Frame technology	Focused Flow™	
Max. input power	0.6 W	
Voltage	12 V	
MTF	> 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 mmH₂O	1.83 mmH₂O