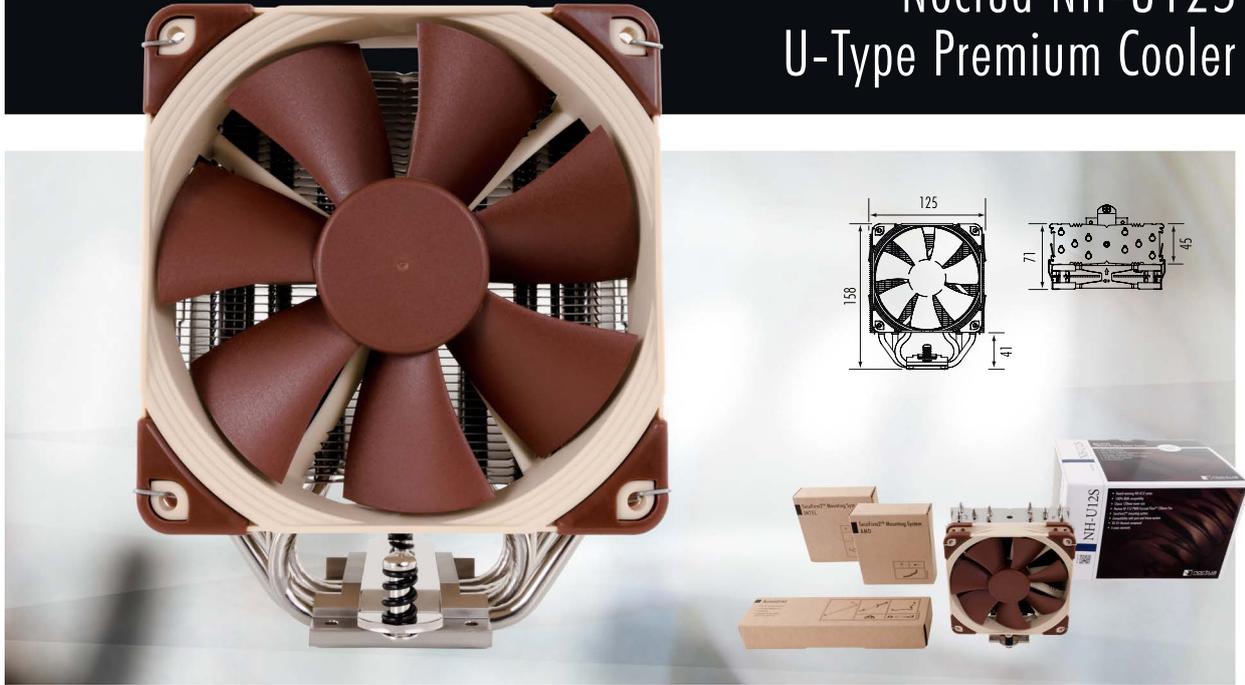


NH-U12S

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 FocusedFlow™ 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.

NF-F12 120mm Focused Flow™ fan

Recommended by more than 150 hardware publications and thousands of enthusiasts world-wide, the Noctua's premium quality NF-F12 Focused Flow™ 120mm fan is renowned to combine superb static pressure, excellent heatsink performance and surprising quietness of operation.

Anti-vibration pads and fan-clips for second NF-F12 (optional)

For users who want to achieve even better performance by adding a second, optional NF-F12 fan to create a push/pull setup, the NH-U12S includes fan clips and an extra set of custom-designed anti-vibration pads that allow to off-set the rear fan by 5mm to improve acoustics in dual-fan mode.

SecuFirm2™ mounting system

Noctua's SecuFirm2™ mounting systems have become synonymous with quality, safety and ease of use. Supporting Intel LGA115x (LGA1150, LGA1155, LGA1156), LGA2011 and AMD (AM3+, AM2+, FM1, FM2), the SecuFirm2™ mounting included with the NH-U12S guarantees perfect contact pressure and maximum convenience on all current sockets.

100% RAM compatibility

Thanks to its slim design with only 45mm fin depth, the NH-U12S will not overhang the RAM slots even with two fans installed. This gives the user full access to the memory modules on all current CPU sockets and guarantees 100% compatibility with tall heatspreaders or optional memory fans.

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 mainboard. In addition, the maximum fan speed can be reduced from 1500 to 1200rpm using the supplied Low-Noise Adaptor for even quieter operation.

6 years warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-F12 features an MTBF rating of more than 150.000 hours and the entire NH-U12S package comes with a full 6 years manufacturer's warranty.

COOLER SPECIFICATIONS

Socket compatibility	Intel LGA2011 (Square ILM) Intel LGA1156, LGA1155, LGA1150 AMD AM2, AM2+, AM3, AM3+, FM1, FM2
Dimensions	158x125x45mm
Dimensions with NF-F12 PWM	158x125x71mm
Weight	580g
Weight with NF-F12 PWM	755g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	120x120x25mm

FAN SPECIFICATIONS

Noctua NF-F12 PWM

Dimensions	120x120x25 mm
Connector	4-pin PWM
Bearing	SS02-Bearing
Blade Geometry / Frame Technology	Heptaperf™ / Focused Flow™
Max. Input Power / Volate Range	0.6 W / 12 V
MTBF	> 150.000 h

NF-F12 PWM	Fan without Adapter	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 O	1.83 mmH ₂ O

LOGISTIC DATA

Product Name

Noctua NH-U12S

EAN-No.

471612331494-3

UPC-No.

84243101430-6

Dimensions (HxWxD)

158 x 125 x 45 mm

Weight

580 gr

Warranty

6 Years

MSPR

59.90 EUR

Packaging Unit

12 Pcs

Dimensions / Unit (HxWxD)

445 x 355 x 470 mm

Weight / Unit

18.60 kg

SCOPE OF DELIVERY

1x NH-U12S Heatsink

1x NF-F12 PWM Premium fan

1x SecuFirm2™ Mounting Kit

1x NT-H1 high-grade thermal compound

1x Low-Noise Adaptor (L.N.A.)

1x Installation-kit for optional second NF-F12 Premium fan