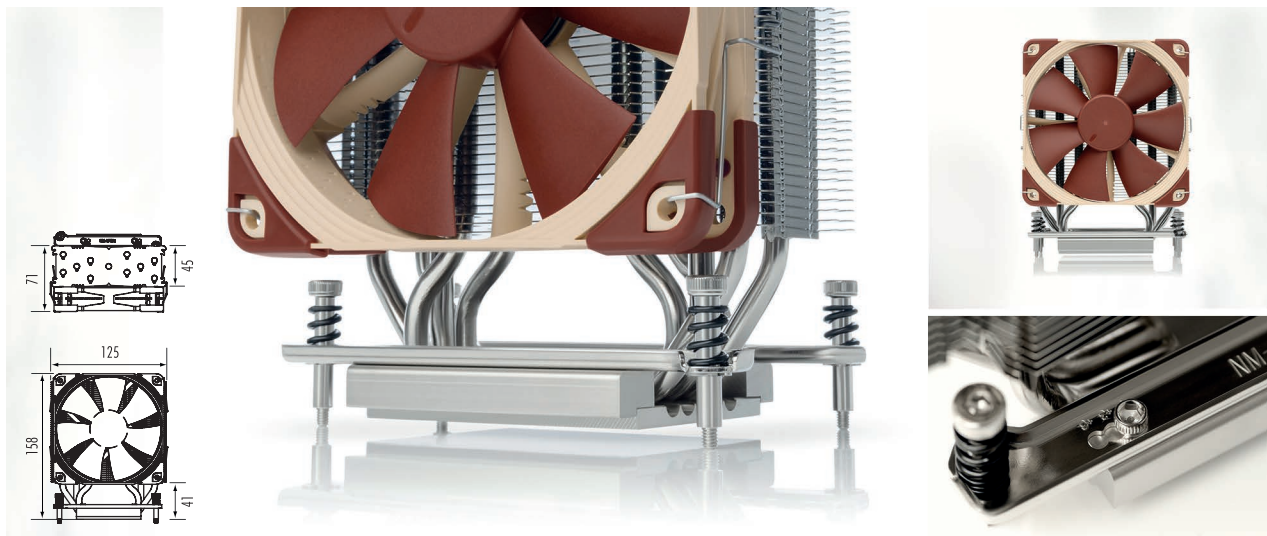


NH-U12S TR4-SP3

Noctua NH-U12S TR4-SP3 U-Type Premium Cooler



Continuing the legacy of Noctua's classic NH-U-series, which has received more than a thousand awards and recommendations from international hardware websites and magazines, the NH-U12S has become a benchmark for slim, highly compatible 120mm single tower coolers. The TR4-SP3 version is a tailored custom model for AMD's TR4/SP3 platform (Ryzen Threadripper / Epyc) and features a larger contact surface as well as the latest SecuFirm2™ mounting system for socket TR4/SP3. Topped off with the renowned quiet NF-F12 PWM 120mm fan, Noctua's proven NT-H1 thermal compound and a full 6-year manufacturer's warranty, the NH-U12S TR4-SP3 forms a complete premium-quality solution that combines outstanding performance, superb acoustics and excellent compatibility for high-end TR4/SP3 systems.

Award-winning NH-U12S cooler

Tens of thousands of enthusiast users all over the world swear by the NH-U12S' quality and performance. Recommended by more than 200 international hardware websites and magazines, it is renowned as being one of the best 120mm coolers on the market.

Tailored custom version for TR4/SP3 (Ryzen Threadripper / Epyc)

At 70x56mm, the copper contact surface of the TR4-SP3 version is more than double the size of the standard model. Tailored to fit the enormous integrated heat-spreaders (IHS) of AMD's TR4/SP3-based processors, this customised design allows for an optimal heat flow from the CPU over the base to the heatpipes and on to the cooling fins.

Offset mounting options for better PCIe clearance

In order to assure optimal compatibility with SLI and CrossFire multi-GPU setups, the SecuFirm2™ mounting for TR4/SP3 makes it possible to offset the cooler by 3 or 6mm towards the upper edge of the motherboard, thereby increasing clearance of the top PCIe slot.

6 years 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 TR4-SP3 HEATSINK SPECIFICATIONS

Socket compatibility	AMD TR4/SP3
Dimensions	158x125x45 mm
Dimensions with NF-F12 PWM	158x125x72 mm
Weight	695 g
Weight with NF-F12 PWM	870 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	120x120x25mm

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
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)	18.6 dB(A)
Max. static pressure	2.61 mmH₂O	1.83 mmH₂O

LOGISTIC DATA

Product name
Noctua NH-U12S TR4-SP3

EAN
9010018000115

UPC
841501100116

Packaging dimensions (HxWxD)
212x196x106 mm

Weight incl. packaging
1260 g

Warranty
6 years

Packaging unit
10 pcs

Packaging dimensions / unit (HxWxD)
545x408x228 mm

Weight incl. packaging / unit
13.60 kg

SCOPE OF DELIVERY

- 1x NH-U12S TR4-SP3 Heatsink
- 1x NF-F12 PWM premium fan
- 1x SecuFirm2™ mounting kit SP3/TR4
- 1x NT-H1 thermal compound
- 1x Low-Noise Adaptor (L.N.A.)
- 1x Anti-vibration pads and fan clips for NF-F12 premium fan (optional)