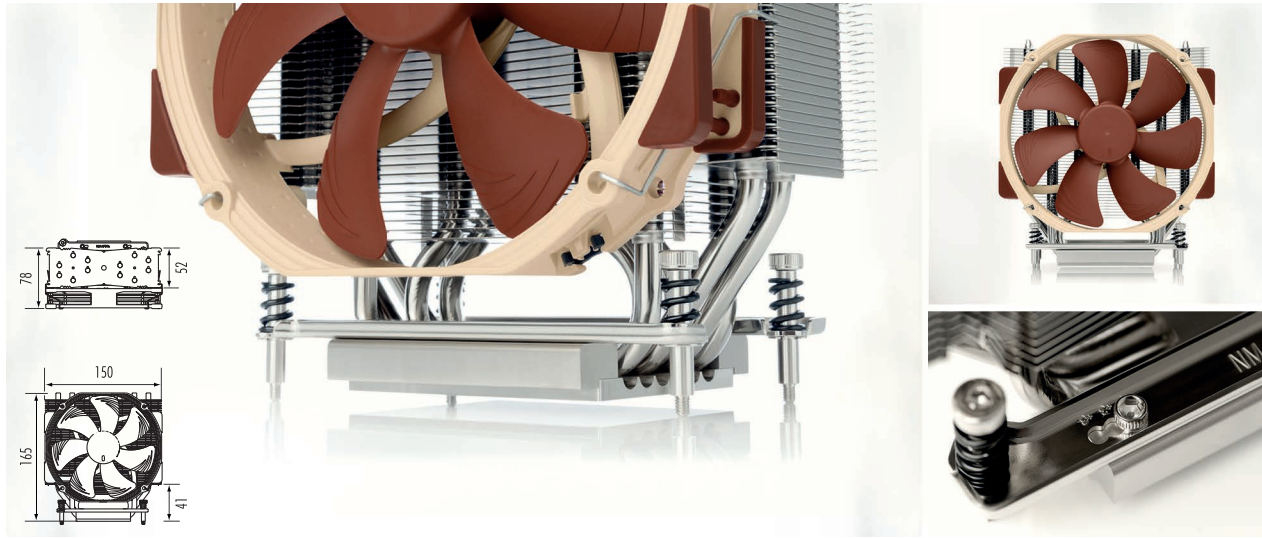


NH-U14S TR4-SP3

Noctua NH-U14S TR4-SP3 U-Type Premium Cooler



LOGISTIC DATA

Product name

Noctua NH-U14S TR4-SP3

EAN

9010018000108

UPC

841501100109

Packaging dimensions (HxWxD)

217x226x113 mm

Weight incl. packaging

1500 g

Warranty

6 years

Packaging unit

8 pcs

Packaging dimensions / unit (HxWxD)

449x467x241 mm

Weight incl. packaging / unit

13.00 kg

SCOPE OF DELIVERY

1x NH-U14S TR4-SP3 Heatsink

1x NF-A15 PWM premium fan

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

1x NT-H1 thermal compound

1x SecuFirm2™ mounting-kit SP3/TR4

1x Anti-vibration pads and fan clips for second NF-F12 fan

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-U14S has become a benchmark for high-end 140mm single tower coolers. The TR4-SP3 version is a tailored custom model for AMD's sTRX4/TR4/SP3 platform (Ryzen Threadripper / Epyc) and features a larger contact surface as well as the latest SecuFirm2™ mounting system for socket sTRX4/TR4/SP3. Topped off with the renowned quiet NF-A15 PWM 140mm fan, Noctua's proven NT-H1 thermal compound and a full 6-year manufacturer's warranty, the NH-U14S TR4-SP3 forms a complete premium-quality solution that combines maximum performance and superb acoustics for enthusiast-grade sTRX4/TR4/SP3 systems.

Award-winning NH-U series

The NH-U14S is the first 140mm model in Noctua's award-winning NH-U series. 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.

PWM support and Low-Noise Adaptor

The NF-A15 140mm fan supplied with the NH-U14S 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.

140mm size for maximum performance

With six heatpipes, a fin surface area of more than 6000cm² and the large NF-A15 140mm fan, the NH-U14S TR4-SP3 provides a superior level of cooling performance that makes it ideal for the most high-end, enthusiast-grade sTRX4/TR4/SP3 systems.

Tailored custom version for sTRX4/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 sTRX4/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 sTRX4/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-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-A15 features an MTF rating of more than 150,000 hours and the entire NH-U14S package comes with a full 6-year manufacturer's warranty.

NH-U14S HEATSINK SPECIFICATIONS

Socket compatibility	AMD TR4/SP3
Dimensions	165x150x52 mm
Dimensions with NF-A15 PWM	165x150x78 mm
Weight	865 g
Weight with NF-A15 PWM	1030 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	120x120x25 mm 140x150x25 mm, 140x140x25 mm (with 120mm holes)

Please note that the NH-U14S TR4-SP3 is a dedicated version for the AMD TR4/SP3 socket. Due to its customised larger base, it cannot be used on any other sockets and is incompatible with Noctua's standard mounting kits.

NF-A15 PWM FAN SPECIFICATIONS

Dimensions	140x150x25 mm	
Connector	4-pin PWM	
Bearing	SS02	
Blade geometry	Focused Flow™	
Frame technology	AAO	
Max. input power	1.56 W	
Voltage	12 V	
MTTF	> 150,000 h	
NF-A15 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/-10%)	1500 RPM	1200 RPM
Max. airflow	140.2 m³/h	115.5 m³/h
Max. acoustical noise	24.6 dB(A)	19.2 dB(A)
Max. static pressure	2.08 mmH ₂ O	1.51 mmH ₂ O

Designed in Austria, Noctua's premium cooling components are internationally renowned for their superb quietness, exceptional performance and thoroughgoing quality. Having received more than 6000 awards and recommendations from leading hardware websites and magazines, Noctua's fans and heatsinks are chosen by more than a hundred thousand satisfied customers around the globe.

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