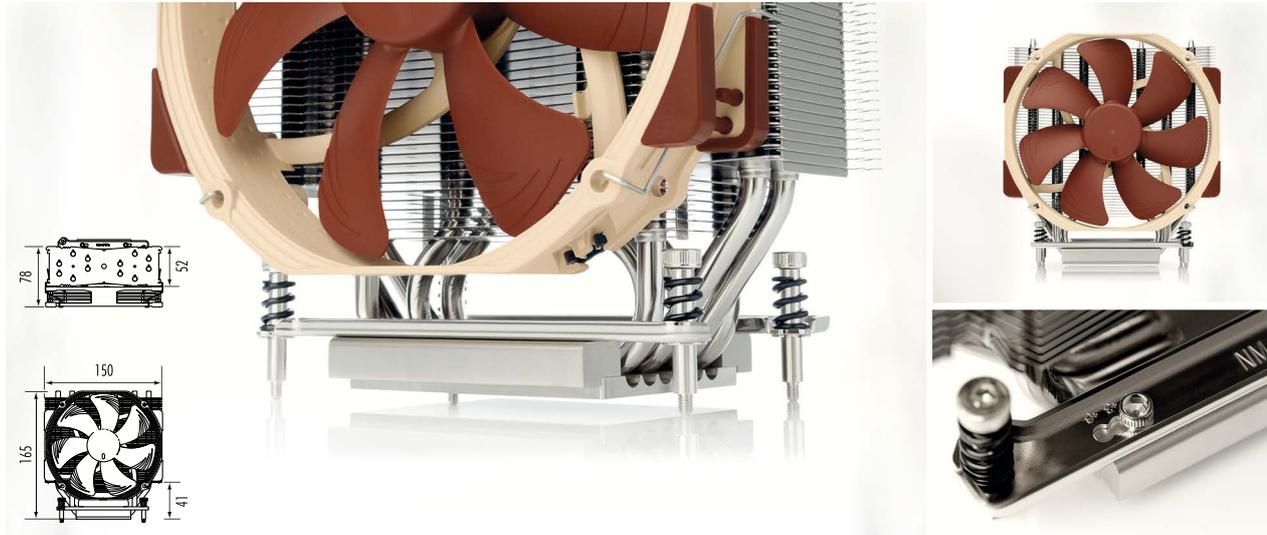


# NH-U14S TR4-SP3

# Noctua NH-U14S 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-U14S has become a benchmark for high-end 140mm 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-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 TR4/SP3 systems.

### Award-winning NH-U14S cooler

Tens of thousands of enthusiast users all over the world swear by the NH-U14S' quality and performance. Recommended by more than 200 international hardware websites and magazines, it is renowned as being one of the best 140mm 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.

### 140mm size for maximum performance

With six heatpipes, a fin surface area of more than 6000cm<sup>2</sup> 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 TR4/SP3 systems.

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

### 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.

### SecuFirm2™ mounting system for TR4/SP3

Noctua's SecuFirm2™ mounting systems have become synonymous with quality, safety and ease of use. The TR4-SP3 variant has been completely custom-designed for the new socket and is particularly easy to install: Put on the heatsink, fix the four spring-loaded screws and you're done!

### 6 years warranty

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

*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.*

### COOLER SPECIFICATIONS

Socket compatibility	AMD TR4/SP3
Dimensions without NF-A15 PWM	165x150x52 mm
Dimensions with NF-A15 PWM	165x150x78 mm
Weight	865 gr
Weight with NF-A15 PWM	1030 gr
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility (with 120mm holes)	120x120x25 mm 140x150x25 mm / 140x140x25 mm

### FAN SPECIFICATIONS

Noctua NF-A15 PWM		
Dimensions	140x150x25mm	
Connector	4-pin PWM	
Bearing	SS02-Bearing	
Blade geometry / Frame technology	A-Series with Flow Acceleration Channels / AAO Frame	
Max. input power / Voltage range	1.56 W / 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 m <sup>3</sup> /h	115.5 m <sup>3</sup> /h
Max. acoustical noise	24.6 dB(A)	19.2 dB(A)
Max. static pressure	2.08 mmH2O	1.51 mmH2O

### LOGISTIC DATA

Product name  
Noctua NH-U14S TR4-SP3

EAN-No.  
901001800010-8

UPC-No.  
84150110010-9

Dimensions (HxWxD)  
217 x 226 x 113 mm

Weight  
1500 gr

Warranty  
6 Years

MSPR  
79.90 USD

Packaging unit  
8 Pcs

Dimensions / Unit (HxWxD)  
449 x 467 x 241 mm

Weight / Unit  
13.00 kg

### SCOPE OF DELIVERY

- 1x NF-A15 PWM premium fan
- 1x SecuFirm2™ mounting kit SP3/TR4
- 1x NT-H1 high-grade thermal compound
- 1x Low-Noise Adaptor (L.N.A.)
- 1x Anti-vibration pads and fan-clips for second NF-A15 (optional)