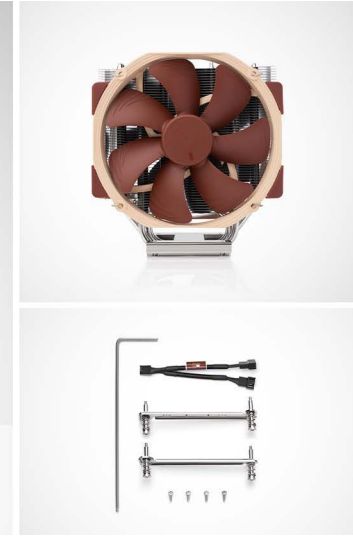
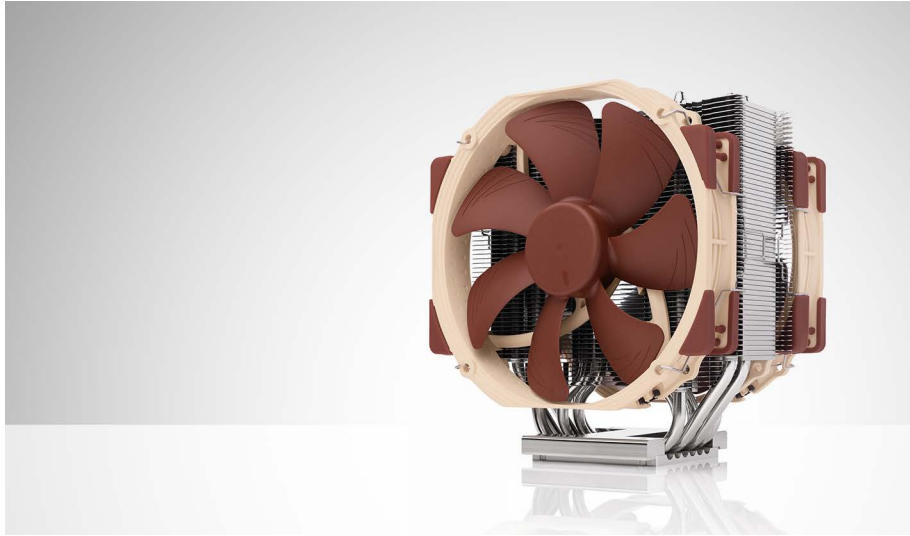


# NH-U14S TR5-SP6

## Noctua NH-U14S TR5-SP6 U-Type Premium Cooler



The NH-U14S TR5-SP6 is a 140mm size premium quality quiet CPU cooler for workstations and servers based on AMD Threadripper and Epyc processors that utilise TR5/SP6 sockets. Built on the proven basis of the renowned TR4-SP3 model with its large heatsink and full-cover contact surface, the TR5-SP6 revision employs two of Noctua's award-winning, PWM controlled NF-A15 140mm fans in order to achieve maximum performance and superb acoustics. Topped off with the pre-applied NT-H2 thermal compound as well as the professional SecuFirm2™ mounting system for TR5/SP6 that has been updated to meet the platform's increased pressure specifications, the NH-U14S TR5-SP6 forms a complete premium quality package for quietly cooling TR5-based Threadripper workstations and SP6-based Epyc servers.

### Proven heatsinks for AMD Threadripper & Epyc

First introduced in 2017, Noctua's Threadripper and Epyc coolers have become a standard choice when it comes to quiet, premium grade air cooling solutions for AMD-based workstations and servers. Thanks to their superior acoustic efficiency, they are ideal for Threadripper and Epyc systems that run in noise sensitive environments (e.g. audio/video production, content creation, engineering, etc.).

### Enlarged contact surface

At 70x56mm, the heatsink's copper contact surface is more than double the size of the standard desktop model. Tailored to fit the enormous integrated heat-spreaders (IHS) of AMD's TR5/SP6 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.

### Pre-applied NT-H2 thermal compound

Noctua's much-acclaimed NT-H2 is a pro-grade TIM solution that provides minimum thermal resistance and outstanding long-term stability. Having the paste pre-applied to the heatsink base ensures optimal bond-line thickness and saves precious time in installation. Ideal for system integrators!

### 6-year manufacturer's warranty

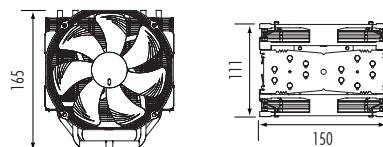
Noctua products are renowned for their impeccable quality and outstanding longevity. True to this legacy, the NH-U14S TR5-SP6 heatsink is built to last, and like all Noctua fans, the supplied NF-A15 units feature an MTTF rating of more than 150,000 hours. The entire package comes with a full 6-year manufacturer's warranty.

### NH-U14S TR5-SP6 HEATSINK SPECIFICATIONS

Socket compatibility	AMD TR5, SP6
Dimensions	165x150x52 mm
Dimensions with 2x NF-A15 HS-PWM	165x150x111 mm
Weight	797 g
Weight with 2x NF-A15 HS-PWM	1136 g
Material	Copper (base and heatpipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility with 120 mm holes	140x150x25 mm, 140x140x25 mm & 120x120x25 mm

### NF-A15 HS-PWM FAN SPECIFICATIONS

Dimensions	140x150x25 mm
Connector	4-pin PWM
Bearing	SS02
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO
Max. input power	1.56 W
Voltage	12 V
MTTF	> 150,000 h
Max. rotational speed (+/-10%)	1500 RPM
Max. airflow	140.2 m³/h
Max. acoustical noise	24.6 dB(A)
Max. static pressure	2.08 mm H <sub>2</sub> O



### LOGISTIC DATA

Product name  
Noctua NH-U14S TR5-SP6

EAN  
9010018000450

UPC  
841501100451

Packaging dimensions (HxWxD)  
227x223x142 mm

Weight incl. packaging  
1682 g

Warranty  
6 years

Packaging unit  
8 pcs

Packaging dimensions / unit (HxWxD)  
485x470x330 mm

Weight incl. packaging / unit  
15.00 kg

### SCOPE OF DELIVERY

- NH-U14S TR5-SP6 heatsink
- 2x NF-A15 HS-PWM premium fan
- NA-YC1 4-pin PWM y-cable
- NT-H2 high-grade thermal compound (pre-applied)
- SecuFirm2™ mounting kit for TR5/SP6
- NM-SMT4 mounting tool for mounting bracket installation
- Noctua metal case-badge