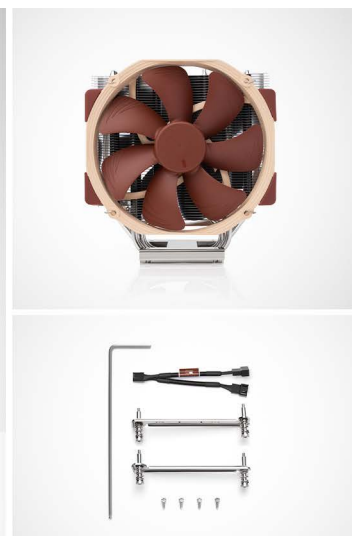
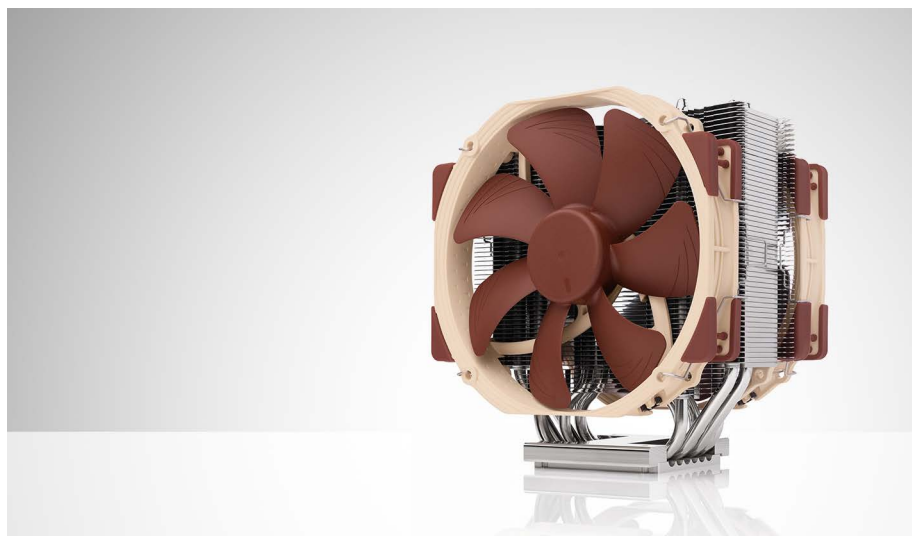


NH-U14S TR5-SP6

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



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

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 sTR5/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 sTR5/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 sTR5-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 sTR5/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 sTR5, 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 ₂ O

