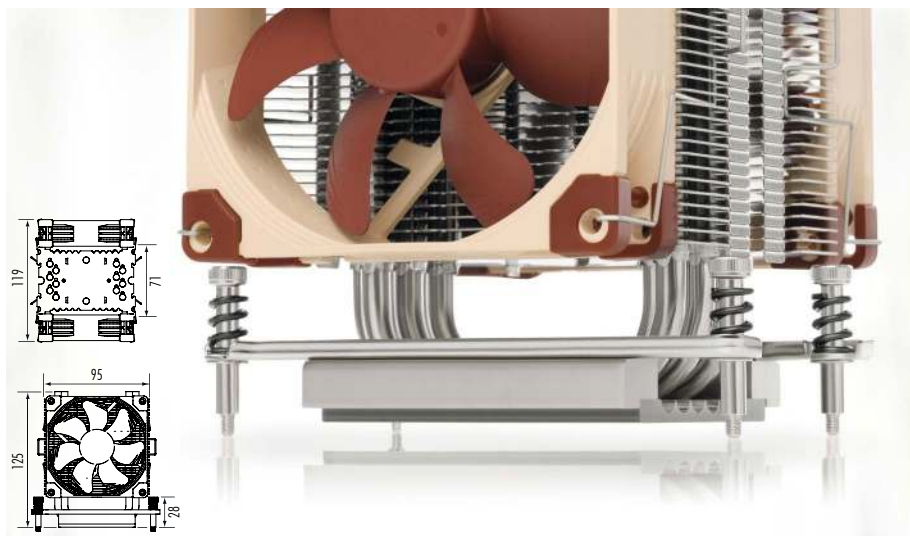


NH-U9 TR4-SP3

Noctua NH-U9 TR4-SP3 U-Type Premium Cooler



Having received more than 300 awards and recommendations from international hardware websites and magazines, Noctua's NH-U9 line has become a benchmark for compact 92mm 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 two of the renowned quiet NF-A9 PWM 92mm fans in a push/pull dual fan configuration, Noctua's proven NT-H1 thermal compound and a full 6-year manufacturer's warranty, the NH-U9 TR4-SP3 forms a highly compact, premium-quality solution that combines outstanding performance, superb acoustics and excellent compatibility for space-restricted TR4/SP3 systems.

Award-winning NH-U series

The NH-U9 TR4-SP3 stems from Noctua's award-winning NH-U9 line. First introduced in 2005, the NH-U series has become a standard choice for premium-quality quiet CPU coolers and won more than 1000 awards and recommendations from leading international hardware websites and magazines.

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.

Compact 92mm size for best compatibility

Thanks to a total width of only 95mm, the NH-U9 TR4-SP3 provides 100% PCIe clearance and never overhangs the top PCIe x16 slot. At the same time, its height of only 125mm allows it to fit smaller cases and most 4U size rack-mount enclosures.

Dual NF-A9 PWM fans

The NH-U9 TR4-SP3 is equipped with two of Noctua's award-winning NF-A9 PWM 92mm fans. This push/pull dual fan configuration allows it to achieve a level of quiet cooling performance that is remarkable for such a compact cooler and comes close to the bigger NH-U12S TR4-SP3.

PWM support and Low-Noise Adaptor

The NF-A9 premium fans supplied with the NH-U9 TR4-SP3 support PWM for convenient automatic speed control through the motherboard. In addition, the maximum fan speed can be reduced from 2000 to 1550rpm using the supplied Low-Noise Adaptor for even quieter operation.

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-A9s feature an MTTF rating of more than 150,000 hours and the entire NH-U9 TR4-SP3 package comes with a full 6-year manufacturer's warranty.

COOLER SPECIFICATIONS

Socket compatibility	AMD TR4/SP3
Dimensions without 2x NF-A9 PWM	125x95x71 mm
Dimensions with 2x NF-A9 PWM	125x95x119 mm
Weight	660 gr
Weight with 2x NF-A9 PWM	855 gr
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x25mm

FAN SPECIFICATIONS

Noctua NF-A9 PWM		
Dimensions	92x92x25mm	
Connector	4-pin PWM	
Bearing	SS02-Bearing	
Blade geometry / Frame technology	A-Series with Flow Acceleration Channels / AAO Frame	
Max. input power / Voltage range	1.20 W / 12 V	
MTTF	> 150.000 h	
NF-A9 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/-10%)	2000 RPM	1550 RPM
Max. airflow	78.9m³/h	62.6 m³/h
Max. acoustical noise	22.8 dB(A)	16.3 dB(A)
Max. static pressure	2.28 mmH2O	1.53 mmH2O

LOGISTIC DATA

Product name	Noctua NH-U9 TR4-SP3
EAN-No.	901001800012-2
UPC-No.	84150110012-3
Dimensions (HxWxD)	185 x 175 x 135 mm
Weight	1200 gr
Warranty	6 Years
MSPR	69.90 USD
Packaging unit	12 Pcs
Dimensions / Unit (HxWxD)	570 x 365 x 285 mm
Weight / Unit	15.50 kg

SCOPE OF DELIVERY

2x NF-A9 PWM premium fan
1x SecuFirm2™ mounting kit SP3/TR4
1x NT-H1 high-grade thermal compound
2x Low-Noise Adaptors (L.N.A.)
1x 4-pin y-cable