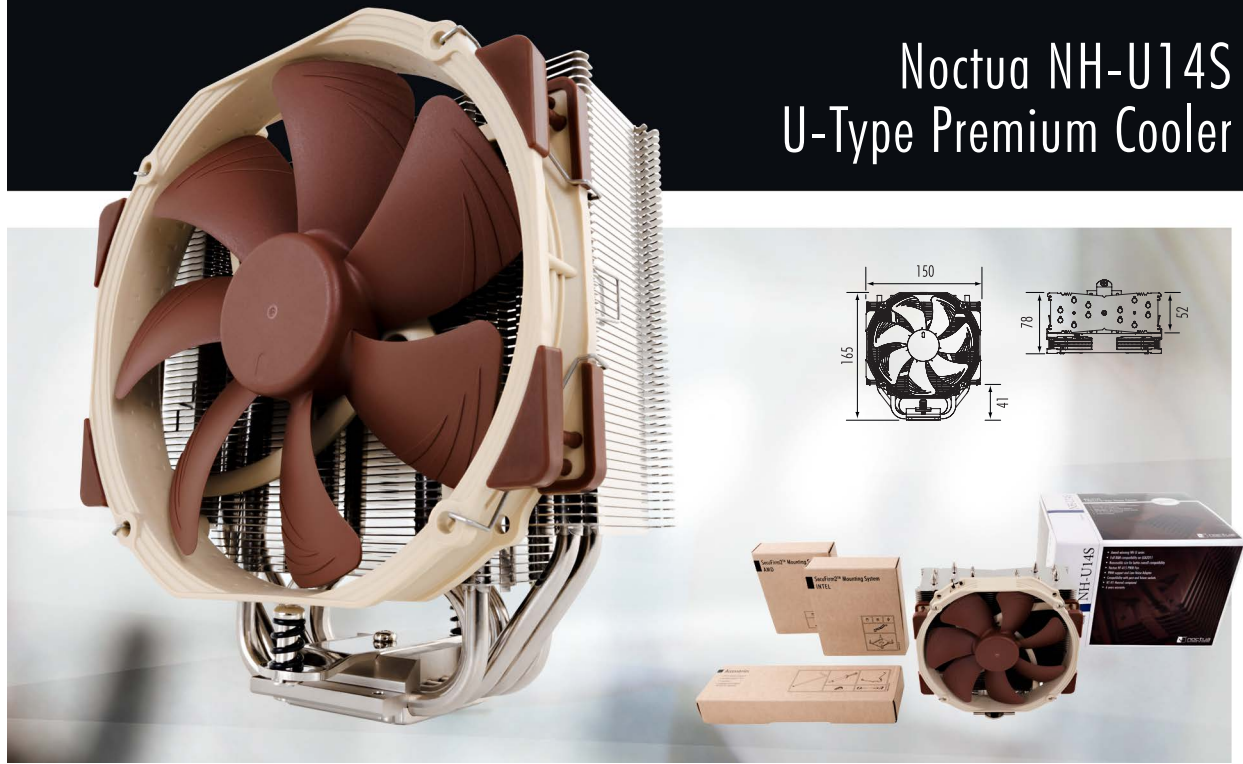# NH-U14S

Noctua NH-U14S
U-Type Premium Cooler

The NH-U14S is the 14cm top model of Noctua's classic U-series single tower CPU coolers, which have received more than 400 awards and recommendations from the international press. While the large, six heatpipe design and the NF-A15 140mm fan with PWM support for fully automatic speed control allow the cooler to best the renowned quiet cooling performance of all other U-series coolers, its 52mm slim shape still guarantees full compatibility with tall RAM modules on LGA2011/LGA2066. Topped off with the trusted, pro-grade SecuFirm2™ multi-socket mounting system, Noctua's proven NT-H1 thermal compound and full 6 years manufacturer's warranty, the NH-U14S is a complete premium quality solution that combines superb performance, high compatibility and quiet operation.

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.

NF-A15 140mm PWM Fan
The NF-A15 is a premium quality quiet 140mm fan with a round frame that complies with Noctua's AAO standard. Featuring sophisticated aerodynamic design measures such as Flow Acceleration Channels, the NF-A15 further improves the renowned quiet cooling performance of the award-winning NF-P14.

Anti-vibration pads and fan-clips for second NF-A15 (optional)
For users who want to achieve even better performance by adding a second, optional NF-A15 fan to create a push/pull setup, the NH-U14S includes fan clips and an extra set of custom-designed anti-vibration pads that allow to off-set the rear fan by 5mm to improve acoustics in dual-fan mode.*

Full RAM compatibility on LGA20xx
With its 52mm slim design tailor-made for LGA20xx (LGA2066 & LGA2011), the NH-U14S will not overhang the RAM slots on this platform, thus guaranteeing full compatibility with tall memory modules. On some LGA115x/1200/17xx and AMD motherboards, the front fan may overhang the first RAM slot, so standard height RAM (up to 32mm) should be chosen when using the first 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 MTTF rating of more than 150.000 hours and the entire NH-U14S package comes with a full 6-year manufacturer's warranty.

*In cases with more than 165mm CPU cooler clearance, the fan can be moved upwards to make room for memory modules taller than 32mm. If the rear fan is off-set, it may overhang the first left hand side RAM slot on LGA20xx.

SCOPE OF DELIVERY

1x NH-U14S Heatsink

1x NF-A15 PWM premium fan

1x SecuFirm2™ mounting kit

1x NT-H1 thermal compound

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

1x Anti-vibration pads and fan clips for second NF-A15 fan

NH-U14S HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM4, AM5 & Intel LGA1700 (LGA17xx family), LGA1200, LGA115x (LGA1150, LGA1151, LGA1155, LGA1156) and LGA20xx (LGA2066, LGA2011-0 & LGA2011-3 Square ILM)
Dimensions	165x150x52 mm
Dimensions with NF-A15 PWM	165x150x78 mm
Weight	770 g
Weight with NF-A15 PWM	935 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)

NF-A15 PWM FAN SPECIFICATIONS

Dimensions	140x150x25 mm
Connector	4-pin PWM
Bearing	SSO2
Blade geometry	A-Series with Flow Acceleration Channels
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$0	1.51 mmH$_2$0

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.

Noctua DESIGNED IN AUSTRIA

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