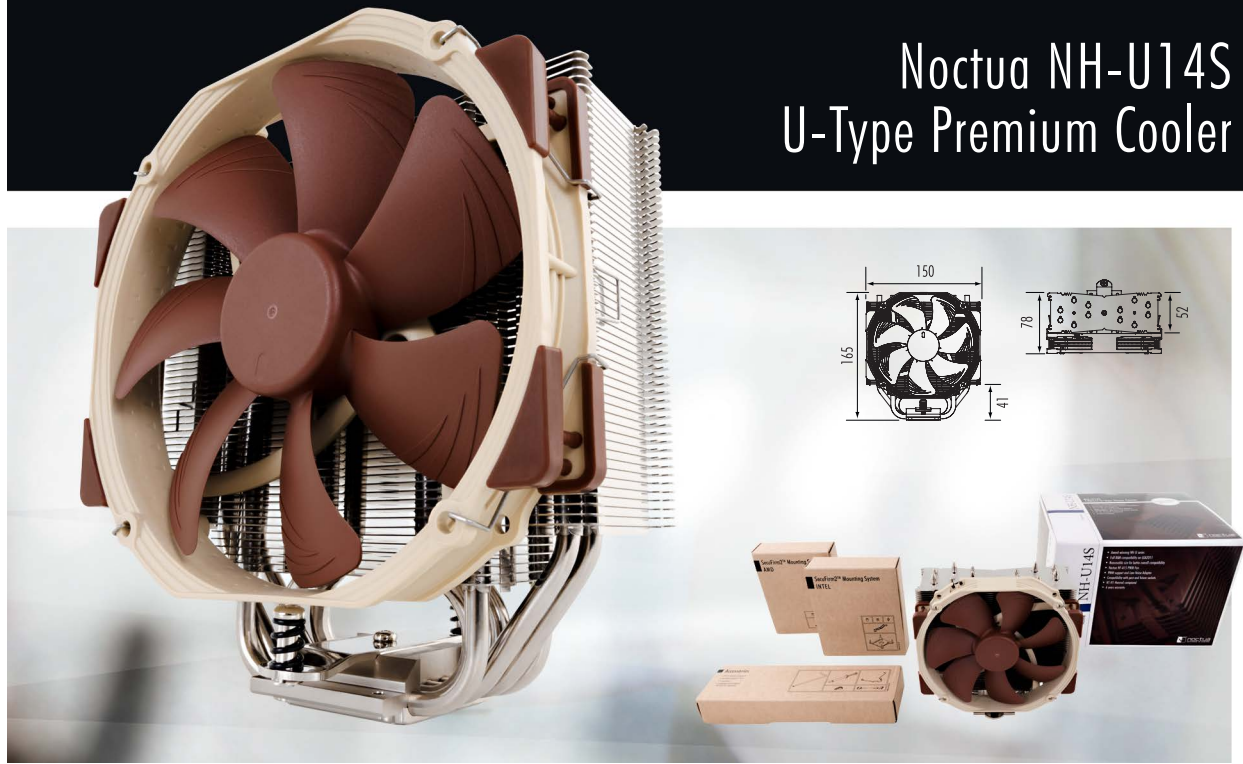# NH-U14S

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

NH-U14S Heatsink

NF-A15 PWM premium fan

NA-RC7 Low-Noise Adaptor (L.N.A.)

NT-H1 high-grade thermal compound

SecuFirm2™ mounting kit

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

Noctua metal case-badge

NH-U14S HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM4, AM5 & Intel LGA1851, LGA1700, LGA1200, and LGA115x (LGA1150, LGA1151, LGA1155, LGA1156)
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 mmH₂0	1.51 mmH₂0

CE UK CA RoHS
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