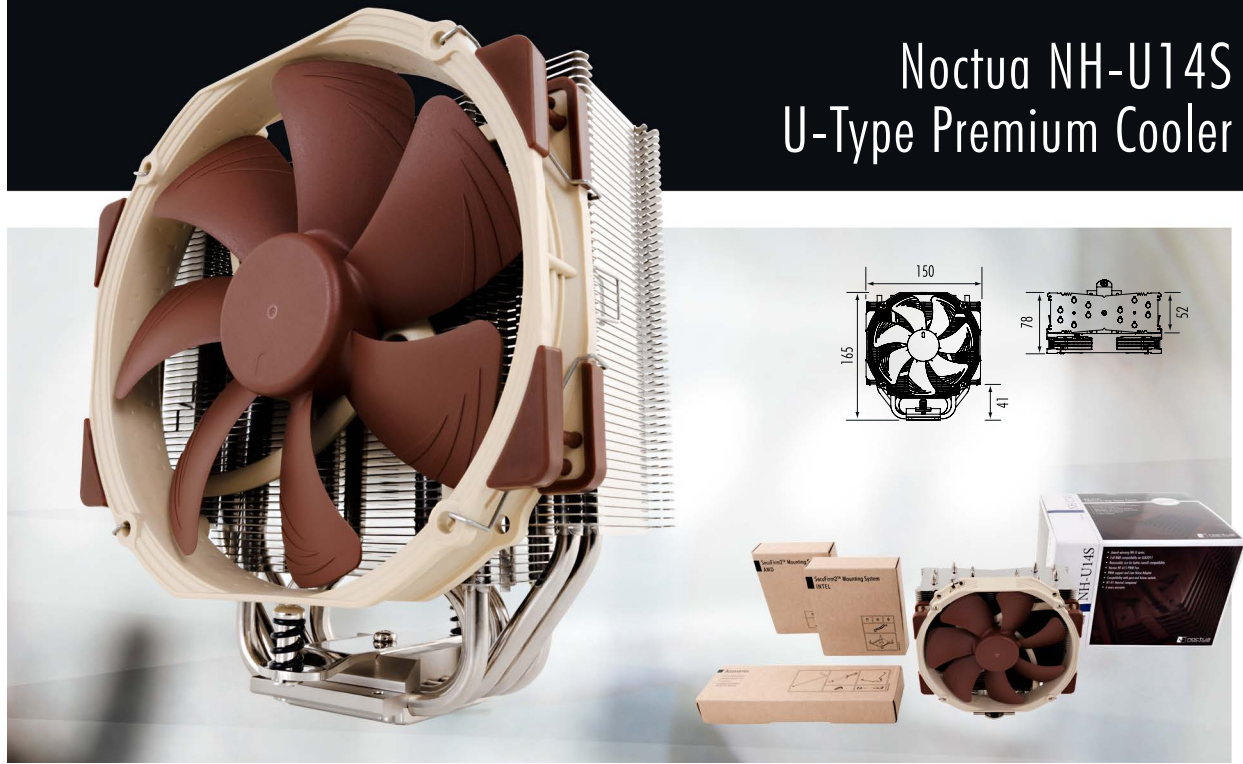# NH-U14S

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. 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.

LOGISTIC DATA

Product Name
Noctua NH-U14S

EAN-No.
471612331495-0

UPC-No.
84243101431-3

Dimensions (HxWxD)
165 x 150 x 52 mm

Weight
770 gr

Warranty
6 Years

MSPR
69.90 EUR

Packaging Unit
8 Pcs

Dimensions / Unit (HxWxD)
460 x 425 x 325 mm

Weight / Unit
15 kg

SCOPE OF DELIVERY

1x NH-U14S Heatsink

1x NF-A15 PWM 140mm Premium fan

1x SecuFirm2™ Mounting Kit

1x NT-H1 high-grade thermal compound

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

1x Installation-kit for optional second
NF-A15 premium fan

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

SecuFirm2™ mounting system
Noctua's SecuFirm2™ mounting systems have become synonymous with quality, safety and ease of use. Supporting Intel LGA115x (LGA1150, LGA1155, LGA1156), LGA2011 and AMD (AM3+, AM2+, FM1, FM2), the SecuFirm2™ mounting included with the NH-U14S guarantees perfect contact pressure and maximum convenience on all current sockets.

Full RAM compatibility on LGA2011
With its 52mm slim design tailor-made for LGA2011, the NH-U14S will not overhang the RAM slots on this platform, thus guaranteeing full compatibility with tall memory modules. On some LGA115x 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.

PWM support and Low-Noise Adaptor
The NF-A15 140mm fan supplied with the NH-U14S supports PWM for convenient automatic speed control through the mainboard. In addition, the maximum fan speed can be reduced from 1500 to 1200rpm using the supplied Low-Noise Adaptor for even quieter operation.

6 years warranty
Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-A15 features an MTBF rating of more than 150.000 hours and the entire NH-US14S package comes with a full 6 years manufacturer's warranty.

COOLER SPECIFICATIONS

Socket compatibility	Intel LGA2011 (Square ILM)
	Intel LGA1156, LGA1155, LGA1150
	AMD AM2, AM2+, AM3, AM3+, FM1, FM2
Dimensions	165x150x52 mm
Dimensions with NF-A15 PWM	165x150x78 mm
Weight	770 gr
Weight with NF-A15 PWM	935 gr
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility (with 120mm holes)	120x120x25mm 140x150x25mm / 140x140x25mm

FAN SPECIFICATIONS

Noctua NF-A15 PWM

Dimensions	140x150x25 mm
Connector	4-pin PWM
Bearing	SSO2-Bearing
Blade Geometry / Frame Technology	A-Series with Flow Acceleration Channels / AAO Frame
Max. Input Power / Volate Range	1.56 W / 12 V
MTBF	> 150.000 h

NF-A15 PWM	Fan without Adapter	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

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