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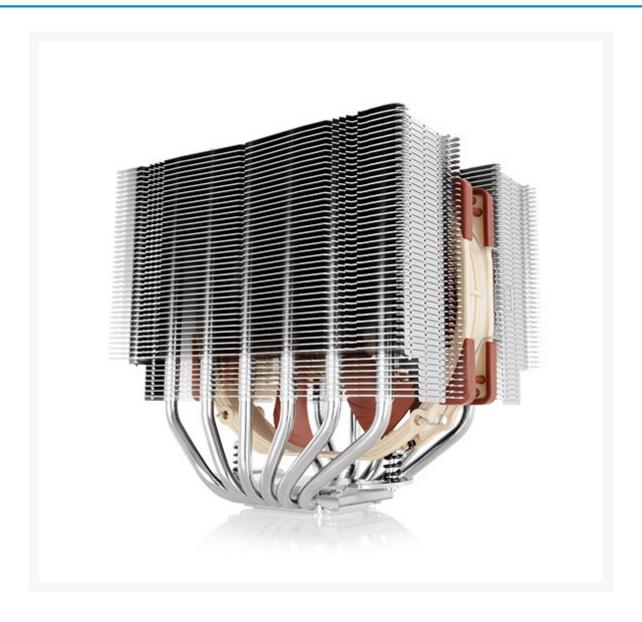www.performance-pcs.com
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Noctua NH-D15S 140mm CPU Cooler

$79.95

Product Images

Short Description

Tailored to provide superior RAM and PCIe compatibility, the NH-D15S is an asymmetrical single fan version of Noctua's award-winning flagship model, the NH-D15.

Description

Tailored to provide superior RAM and PCIe compatibility, the NH-D15S is an asymmetrical single fan version of Noctua's award-winning flagship model, the NH-D15. Thanks to its asymmetrical design, the NH-D15S clears the top PCIe slot on most µATX and ATX motherboards. At the same time, the single fan setup and recessed lower fins guarantee 100% RAM compatibility with memory modules of up to 65mm height. Users who have sufficient room can also upgrade the cooler with either a 120mm or round 140mm fan on the front fin stack for further improved performance in dual fan mode. 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-D15S forms a complete premium quality solution that combines dual tower efficiency with excellent compatibility and flexible upgrade options.

Features

High-compatibility version of NH-D15
Compared to the award-winning NH-D15, the S-version uses an off-set, asymmetrical layout and a single instead of dual NF-A15 fans. This allows the NH-D15S to provide state-of-the-art heatsink performance while maintaining superior RAM and PCIe compatibility.

Excellent RAM compatibility
Thanks to its recessed lower fins, the NH-D15S provides 65mm clearance for tall memory heatsinks, making it compatible with most high end modules on the market. As the lower fins are recessed on both sides of the heatsink, compatibility is excellent not only on LGA115x and AMD, but also on LGA2011 where there are RAM slots on both sides of the socket.

Asymmetrical layout for better PCIe compatibility
As many current motherboards have the top PCIe x16 slot sitting close to the socket, bigger heatsinks tend to block it. Due to its asymmetrical layout, the fin-stack of the NH-D15S is off-set towards the upper edge of the motherboard when installed in standard orientation. This allows it to clear the top PCIe x16 slot on most current µATX and ATX motherboard.*

NF-A15 140mm fan
Complying with Noctua's AAO standard and featuring sophisticated aerodynamic design measures such as Flow Acceleration Channels, the NF-A15 has quickly built up a reputation as one of the best 140mm fans on the market.

Dual-fan ready
Using the supplied extra fan clips, the NH-D15S can be upgraded with either a second round-frame 140mm

fan with 120mm mounting holes (such as the NF-A15) for maximum performance or a common 120mm fan (such as the NF-F12) for improving performance while maintaining compatibility with RAM modules of up to 45mm height.

PWM support and Low-Noise Adaptor
The NF-A15 premium fan supplied with the NH-D15S supports PWM for convenient automatic speed control through the motherboard. In addition, the maximum fan speed can be reduced from 1500 to 1200rpm using the supplied Low-Noise Adaptor for even quieter operation.

Excellent component cooling
Extending below the fin-stacks, the large NF-A15 fan not only contributes to the superb CPU cooling capabilities of the NH-D15S but also provides massive airflow over surrounding motherboard components and heatsinks, thus ensuring excellent component cooling performance.

SecuFirm2™ mounting system
Noctua's SecuFirm2™ mounting systems have become synonymous with quality, safety and ease of use. Supporting Intel LGA115x (LGA1150, LGA1151, LGA1155, LGA1156), LGA2011 (LGA2011-0 & LGA2011-3) and AMD (AM3(+), AM2(+), FM1, FM2(+)), the SecuFirm2™ mounting included with the NH-D15S guarantees perfect contact pressure and maximum convenience on all current sockets.

Compatibility with past and future sockets
Complying with the open SecuFirm™ standard, the NH-D15S can be made compatible with the older LGA1366 and LGA775 sockets using the optional NM-I3 mounting kit, which is provided by Noctua free of charge. If technically possible, Noctua will also provide upgrade kits for future sockets.

NT-H1 thermal compound
Having received more than 100 awards and recommendations from hardware journalists around the world, Noctua's NT-H1 is a proven professional grade TIM solution that provides minimum thermal resistance, excellent ease of use and outstanding reliability.

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-D15S package comes with a full 6 years manufacturer's warranty.

*Please refer to our motherboard compatibility list for detailed information.

Specifications

Socket compatibility	Intel LGA2011-0 & LGA2011-3 (Square ILM), LGA1156, LGA1155, LGA1151, LGA1150 & AMD AM2, AM2+, AM3, AM3+, FM1, FM2, FM2+ (backplate required)

Height (without fan)	160 mm
Width (without fan)	150 mm
Depth (without fan)	135 mm
Height (with fan)	165 mm
Width (with fan)	150 mm
Depth (with fan)	135 mm
Weight (without fan)	980 g
Weight (with fan)	1150 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Max. TDP	see TDP guide

Fan compatibility	140x150x25 (with 120mm mounting holes), 140x140x25 (with 120mm mounting holes), 120x120x25
Scope of Delivery	• 1x NF-A15 PWM premium fan • Low-Noise Adaptor (L.N.A.) • Fan clips for second fan • NT-H1 high-grade thermal compound • SecuFirm2™ Mounting Kit • Noctua Metal Case-Badge
Warranty	6 Years

Fan specifications

Model	1x Noctua NF-A15 PWM
Bearing	SSO2
Max. Rotational Speed (+/- 10%)	1500 RPM
Max. Rotational Speed with L.N.A. (+/- 10%)	1200 RPM
Min. Rotational Speed (PWM, +/-20%)	300 RPM

Max. Airflow	140,2 m³/h
Max. Airflow with L.N.A.	115,5 m³/h
Max. Acoustical Noise	24,6 dB(A)
Max. Acoustical Noise with L.N.A.	19,2 dB(A)
Input Power	1,56 W
Voltage Range	12 V
MTBF	> 150.000 h

Additional Information

Brand	Noctua
SKU	NH-D15S
Weight	6.0000
Color	Brown
Material	Copper/Aluminum
Fan Dimensions	140mm
Fan Connection	4-Pin PWM