

Noctua NH-D15S computer cooling system



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Herstellernummer	NH-D15S
EAN	4716123315681
Noctua	

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 μ ATX 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.

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 μ ATX 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.

Zusammenfassung

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Noctua NH-D15S, Cooler, 14 cm, 300 RPM, 1500 RPM, 140.2 m³/h, Copper, Metallic

Noctua NH-D15S. Type: Cooler, Fan diameter: 14 cm, Rotational speed (min): 300 RPM, Rotational speed (max): 1500 RPM, Airflow: 140.2 m³/h, Maximum air pressure: 2.08 mmH2O. Voltage: 12 V. Width: 150 mm, Depth: 190 mm, Height: 165 mm. Product colour: Copper, Metallic

Merkmale

		Weight & dimensions	
Logistics data		Width	150 mm
		Depth	190 mm
		Height	165 mm
		Weight	1.15 kg
		Package width	190 mm
		Package depth	225 mm
		Package height	235 mm
		Package weight	1.98 kg
Design		Performance	
Product colour	Copper, Metallic	Suitable location	Processor
Material	Aluminium, Copper	Type	Cooler
		Fan diameter	14 cm
		Supported processor sockets	Socket AM2, Socket AM2+, Socket AM3, Socket AM3+, Socket FM1, Socket FM2, Socket FM2+, LGA 2011-v3 (Socket R)
		Compatible processor series	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7
Power		Rotational speed (min)	300 RPM
Power consumption (typical)	1.56 W	Rotational speed (max)	1500 RPM
Voltage	12 V	Noise level (high speed)	24.6 dB
Thermal Design Power (TDP)	220 W	Airflow	140.2 m³/h
		Maximum air pressure	2.08 mmH2O
		Mean time between failures (MTBF)	150000 h

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.