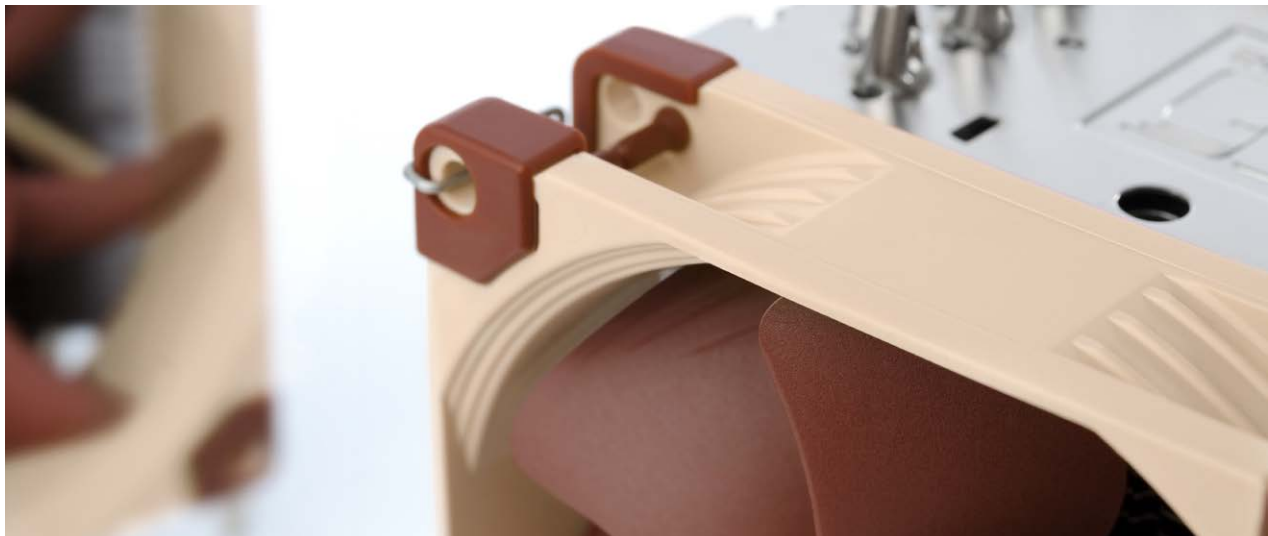


NH-D9 DX-3647 4U

Noctua NH-D9 DX-3647 4U D-Type Premium Cooler



The NH-D9L is a premium grade dual tower CPU cooler that has been designed to provide excellent quiet cooling performance at a height of only 110mm. Its comparably low profile (15mm lower than classic 9cm tower coolers such as the NH-U9S) doesn't only guarantee full 3U compliance but also makes the NH-D9L ideal for compact HTPC and Small Form Factor cases that have airflow paths parallel to the mainboard. Thanks to its 95x95mm footprint, the NH-D9L clears the RAM and PCIe slots on all Intel based and most AMD based ITX mainboards. The included NF-A9 premium fan supports automatic speed control via PWM for outstanding quietness of operation and a second, optional NF-A9 fan can be added 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-D9L forms a highly compact premium package for space-restricted applications.

Low-profile tower design for better airflow efficiency

While most low-profile coolers blow air towards the motherboard, the NH-D9L is a tower style cooler that bows parallel to the mainboard, which allows for superior airflow efficiency in cases with front intake and rear exhaust fans that create an airflow path parallel to the mainboard.

3U compatibility

Whereas classic 9cm coolers with up to 125mm height fit 4U rack mount cases, the NH-D9L's reduced height of 110mm allows it to also fit 3U chassis. This makes it ideal for noise-sensitive 3U applications in fields such as audio or video processing.

100% compatibility with PCIe cards on mini-ITX

Many Intel LGA115x based mini-ITX mainboards have the PCIe slot sitting right next to the 95x95mm socket zone. While larger coolers that exceed this zone are likely to block the PCIe slot, the 95x95mm sized NH-D9L provides full compatibility with PCIe cards, be it on ATX, microATX or ITX.

6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-A9's feature an MTTF rating of more than 150,000 hours and the entire NH-D9L package comes with a full 6-year manufacturer's warranty.

NH-D9 DX-3647 4U HEATSINK SPECIFICATIONS

Socket compatibility	Intel Xeon LGA3647 (Square ILM & Narrow ILM)
Dimensions	134x95x95 mm
Dimensions with 2x NF-A9 HS-PWM	134x95x120 mm
Weight	584 g
Weight with 2x NF-A9 HS-PWM	769 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x25 mm

NF-A9 HS-PWM FAN SPECIFICATIONS

Dimensions	92x92x25 mm
Connector	4-pin PWM
Bearing	SS02
Blade geometry	A-Series with Flow Acceleration Channels
Max. input power	1.68 W
Voltage	12 V
MTTF	> 150,000 h

NF-A9 HS-PWM

Max. rotational speed (+/-10%)	2500 RPM
Max. airflow	96.3 m³/h
Max. acoustical noise	30.6 dB(A)
Max. static pressure	3.39 mmH ₂ O

LOGISTIC DATA

Product name
Noctua NH-D9 DX-3647 4U

EAN
9010018000153

UPC
841501100154

Packaging dimensions (HxWxD)
189x208x152 mm

Weight incl. packaging
1426 g

Warranty
6 years

Packaging unit
8 pcs

Packaging dimensions / unit (HxWxD)
410x326x444 mm

Weight incl. packaging / unit
12.40 kg

SCOPE OF DELIVERY

NH-D9 DX-3647 4U Heatsink
2x NF-A9 HS-PWM premium fan
4-pin PWM y-cable
NT-H1 thermal compound
(pre-applied to the heatsink)
SecuFirm2™ mounting kit