



# NOCTUA NH-D9L chromax.black

D-Type Premium Cooler

The NH-D9L chromax.black is an all-black version of Noctua's award-winning NH-D9L compact 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 mini-ITX and Small Form Factor cases that have airflow paths parallel to the motherboard. Thanks to its 95x95mm footprint, the NH-D9L always clears the RAM and PCIe slots, even on ITX motherboards. 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 year manufacturer's warranty, the NH-D9L forms a highly compact premium package for space-restricted applications.

### Award-winning NH-D9L cooler

Carrying awards and recommendations from more than 100 hardware websites and magazines across the world, the NH-D9L has proven in countless tests that it can punch above its weight. Its winning combination of low height, excellent compatibility and strong performance has made it a favourite choice for powerful yet highly compact builds.

### chromax.black design

The NH-D9L chromax.black is black from head to toe: featuring a black coated heatsink, a black fan with black anti-vibration pads, black fan clips and black mounting parts, it's right at home in all-black builds and easy to integrate with other colour schemes.

### 100% RAM compatibility

With its compact 95x95mm footprint, the NH-D9L does not overhang the RAM slots on Intel LGA1851/LGA1700/LGA1200/LGA115x and AMD AM5/AM4 based motherboards no matter in which orientation it is installed. This ensures easy access to the modules and 100% compatibility with DIMMs that feature tall heat-spreaders or RGB lighting.

### 6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-A9 features 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-D9L HEATSINK SPECIFICATIONS

Socket compatibility	Intel LGA1851, LGA1700, LGA1200, LGA1156, LGA1155, LGA1151, LGA1150 and AMD AM5, AM4
Dimensions	110x95x95 mm
Dimensions with NF-A9 PWM	110x95x95 mm
Weight	428 g
Weight with NF-A9 PWM	531 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x25 mm

#### NF-A9 PWM FAN SPECIFICATIONS

Size	92x92x25 mm	
Connector	4-pin PWM	
Bearing	SS02	
Blade geometry	A-Series with Flow Acceleration Channels	
Frame technology	AAO (Advanced Acoustic Optimisation)	
Max. input power	1.2 W	
Voltage	12 V	
MTTF	> 150,000 h	
NF-A9 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/-10%)	2000 RPM	1550 RPM
Max. airflow	78.9 m³/h	62.6 m³/h
Max. acoustical noise	22.8 dB(A)	16.3 dB(A)
Max. static pressure	2.28 mmH <sub>2</sub> O	1.53 mmH <sub>2</sub> O

#### LOGISTIC DATA

Product name	Noctua NH-D9L chromax.black
EAN	9010018000481
UPC	841501100482
Packaging dimensions (HxWxD)	179x179x156 mm
Weight incl. packaging	1110 g
Warranty	6 years
Packaging unit	12 pcs
Packaging dimensions / unit (HxWxD)	496x404x384 mm
Weight incl. packaging / unit	14.50 kg

#### SCOPE OF DELIVERY

- Black NH-D9L heatsink
- NF-A9 PWM chromax.black premium fan
- Low-Noise Adaptor (L.N.A.)
- NT-H1 thermal compound
- Black SecuFirm2™ mounting-kit
- Black fan-clips for second NF-A9
- Noctua metal case-badge

