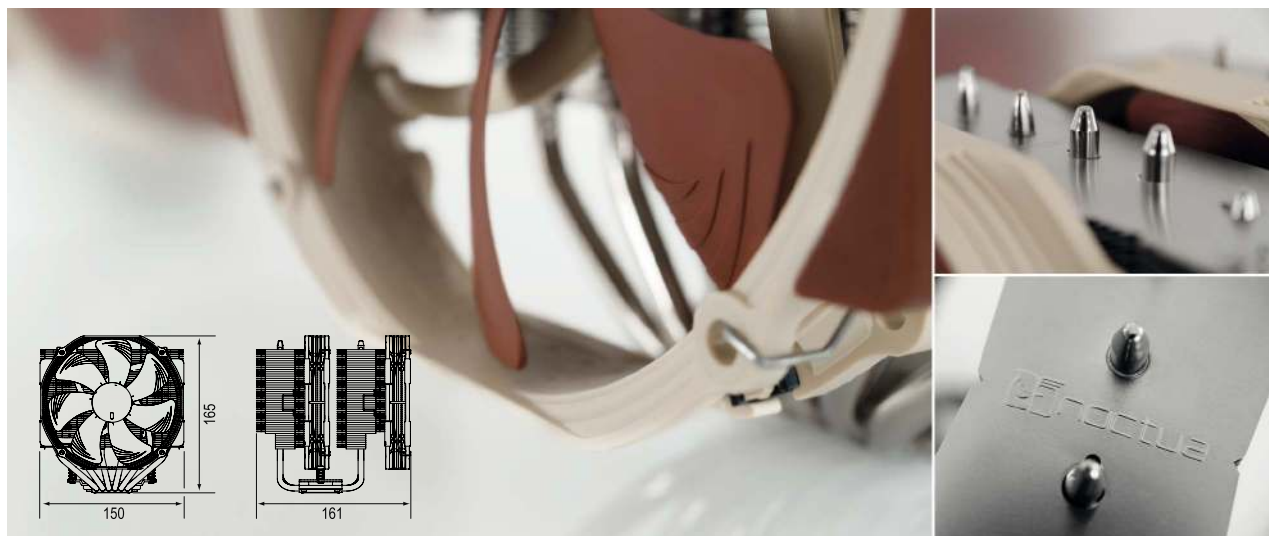


# NH-D15

## Noctua NH-D15 D-Type Premium Cooler



### LOGISTIC DATA

Product Name

Noctua NH-D15

EAN-No.

4716123315360

UPC-No.

842431012456

Dimensions (HxWxD)

235 x 266 x 185 mm

Weight

2240 gr

Warranty

6 Years

MSPR

89.90 EUR

Packaging Unit

8 Pcs

Dimensions / Unit (HxWxD)

509 x 415 x 573 mm

Weight / Unit

21.50 kg

### SCOPE OF DELIVERY

2x NF-A15 PWM premium fan

2x Low-Noise Adaptor (L.N.A.)

Y-cable

NT-H1 high-grade thermal compound

SecuFirm2™ Mounting Kit

Built on the basis of the legendary NH-D14 and carrying on its quest for ultimate quiet cooling performance, Noctua's flagship model NH-D15 is an elite-class dual tower cooler for the highest demands. Its expanded heatpipe layout and two premium grade NF-A15 140mm fans with PWM support for automatic speed control allow it to further improve the NH-D14's award-winning efficiency. 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-D15 forms a complete premium quality solution that represents a deluxe choice for overclockers and silent-enthusiasts alike.

#### Based on the award-winning NH-D14

Noctua's NH-D14 has received more than 350 awards and recommendations from leading international hardware websites and magazines, making it one of the most successful premium heat-sinks ever built. With its expanded layout and dual NF-A15 fans, the NH-D15 further improves the D14's much acclaimed quiet cooling performance.

#### 6 heatpipe dual tower design

As compared to conventional single tower heatinks, the NH-D15's fine-tuned six heatpipe dual tower design provides more surface area, better heat-distribution and superior airflow efficiency in dual fan mode.

#### Widened fin stack and expanded heatpipe layout

Compared to the NH-D14, the NH-D15's fin-stack has been widened from 140 to 150mm and its heatpipes are now spaced further apart, which allows for a more uniform heat distribution over a larger surface area and thus contributes to the NH-D15's superior efficiency.

#### High RAM compatibility in single fan mode

Thanks to its recessed lower fins, the NH-D15 provides 64mm clearance for tall memory heatsinks in single fan mode, making it compatible with most high end RAM modules on the market. In dual fan mode, the NH-D15 should be used with standard height RAM (up to 32mm).

#### Dual NF-A15 140mm fans

The NH-D15 features two of Noctua's premium class NF-A15 140mm fans. 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.

#### 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-D15 guarantees perfect contact pressure and maximum convenience on all current sockets.

#### PWM support and Low-Noise Adaptor

The NF-A15 premium fans supplied with the NH-D15 support 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.

### COOLER SPECIFICATIONS

|                                 |                                                                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Socket compatibility            | Intel LGA2011 (Square ILM), LGA115x (LGA1156, LGA1155, LGA1150) & AMD (AM2, AM2+, AM3, AM3+, FM1, FM2, FM2+, backplate required) |
| Dimensions                      | 165x150x135 mm                                                                                                                   |
| Dimensions with NF-A15 PWM      | 165x150x161 mm                                                                                                                   |
| Weight / Weight with NF-A15 PWM | 1.000g / 1.320g                                                                                                                  |
| Material                        | Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating                                         |
| Fan compatibility               | 120x120x25<br>140x150x25, 140x140x25 (with 120mm holes)                                                                          |

### FAN SPECIFICATIONS

#### Noctua NF-A15 PWM

|                                   |                      |
|-----------------------------------|----------------------|
| Dimensions                        | 140x150x25 mm        |
| Connector                         | 4-pin PWM            |
| Bearing                           | SS02-Bearing         |
| Blade Geometry / Frame Technology | Focused Flow™ / AAO™ |
| Max. Input Power / Volate Range   | 1.56 W / 12 V        |
| MTBF                              | > 150.000 h          |

| NF-A15 PWM                     | Fan without Adaptor | 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 mmH₂O          | 1.51 mmH₂O  |