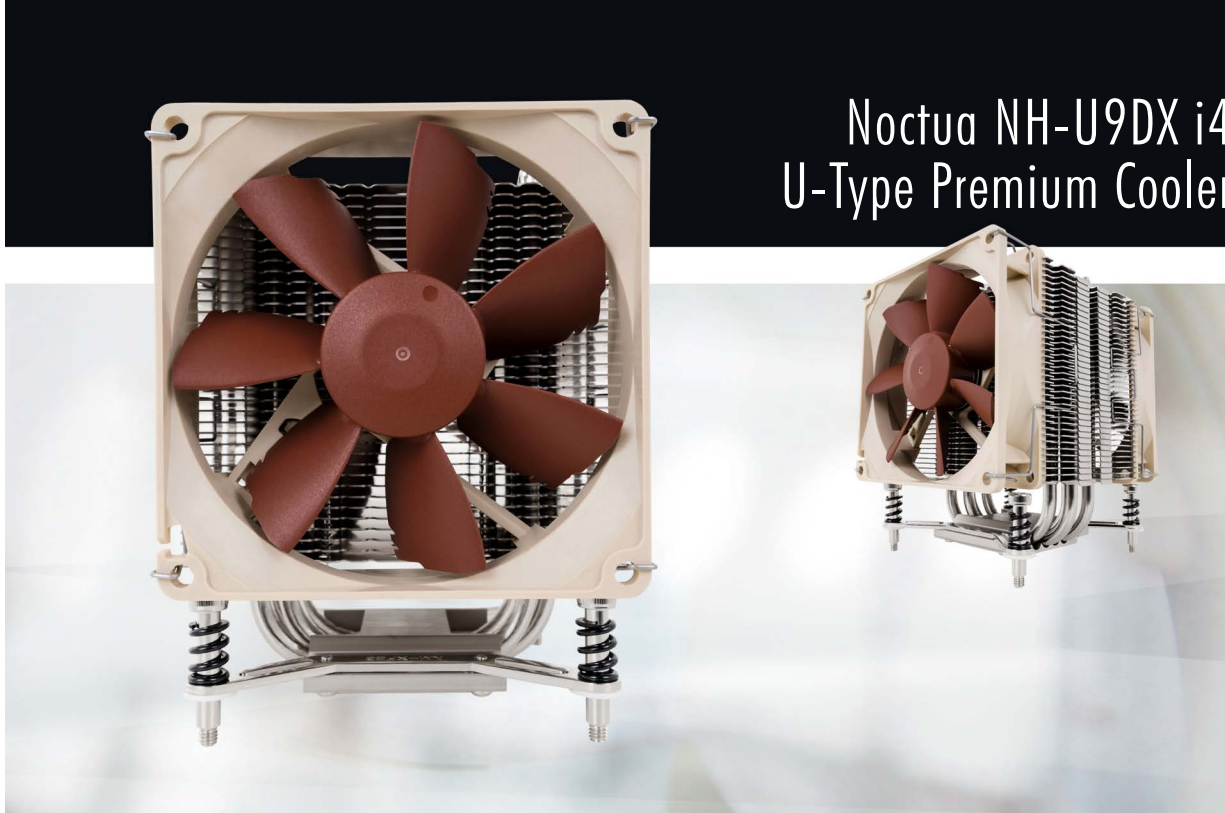


# NH-U9DX i4

## Noctua NH-U9DX i4 U-Type Premium Cooler



Noctua's DX line of coolers has become a default choice in high performance quiet cooling solutions for Intel Xeon CPUs. The latest i4 revision supports LGA2011 (both Square ILM and Narrow ILM), LGA1356 and LGA1366 based Xeon platforms and the 9cm model NH-U9DX i4 comes equipped with two of Noctua's award-winning NF-B9 premium fans with PWM for automatic speed control. Standing 125mm tall, the NH-U9DX i4 combines outstanding quiet cooling efficiency with full 4U compatibility. Fitted with the professional SecuFirm2™ mounting system and bundled with Noctua's industrial-grade NT-H1 thermal compound, the NH-U9DX i4 forms a complete premium quality package for quietly cooling Xeon based workstations and servers.

### Award-winning NH-U series

The NH-U9DX i4 is based on the latest version of Noctua's award-winning NH-U9 coolers. First introduced in 2005, the NH-U series has become a standard choice for premium quality quiet CPU coolers and won more than 400 awards and recommendations from leading international hardware websites and magazines.

### 4U Compatibility

Sporting four heatpipes, a surface area of more than 3800cm<sup>2</sup> and two premium grade 92mm fans, the NH-U9DX i4 provides a significant upgrade in quiet cooling performance compared to common 2U solutions. At the same time, its 125mm height makes it fully compatible with standard 4U cases.

### PWM support and Low-Noise Adaptor

The NF-B9 92mm fans supplied with the NH-U9DX i4 support PWM for convenient automatic speed control through the mainboard. In addition, the maximum fan speed can be reduced from 1600 to 1300rpm using the supplied Low-Noise Adaptors for even quieter operation.

### 6 years warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-B9 models feature an MTTF rating of more than 150,000 hours and the entire NH-U9DX i4 package comes with a full 6 years manufacturer's warranty.

### LOGISTIC DATA

Product name

Noctua NH-U9DX i4

EAN

4716123314967

UPC

841501100031

Packaging dimensions (HxWxD)

130x210x180 mm

Weight incl. packaging

1176 g

Warranty

6 years

Packaging unit

12 pcs

Packaging dimensions / unit (HxWxD)

555x435x275 mm

Weight incl. packaging / unit

15.00 kg

### SCOPE OF DELIVERY

1x NH-U9B Heatsink

2x NF-B9 PWM premium fan

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

1x NT-H1 thermal compound

1x SecuFirm2™ mounting kit

### NH-U9B HEATSINK SPECIFICATIONS

|                           |   |  |
|---------------------------|---|--|
| Socket compatibility      | Intel LGA2011 (Square ILM & Narrow ILM),<br>LGA1356, LGA1366 (with Xeon Backplate)          |  |
| Dimensions                | 125 x 95 x 71 mm  |  |
| Dimensions with NF-B9 PWM | 125 x 95 x 95/120* mm   |  |
| Weight                    | 460 g   |  |
| Weight with NF-B9 PWM     | 550 / 640* g (*with 2x NF-B9 PWM)   |  |
| Material                  | Copper (base and heat-pipes), aluminium<br>(cooling fins), soldered joints & nickel plating |  |
| Fan compatibility         | 92 x 92 x 25 mm   |  |

### NF-B9 PWM FAN SPECIFICATIONS

|                  |                    |  |
|------------------|--------------------|--|
| Dimensions       | 92x92x25 mm        |  |
| Connector        | 4-pin PWM          |  |
| Bearing          | SS02               |  |
| Blade geometry   | NF-B9 Blade Design |  |
| Frame technology | Focused Flow™      |  |
| Max. input power | 0.96 W             |  |
| Voltage          | 12 V               |  |
| MTTF             | > 150,000 h        |  |

| NF-B9 PWM                      | without adaptor         | with L.N.A.             |
|--------------------------------|-------------------------|-------------------------|
| Max. rotational speed (+/-10%) | 1600 RPM                | 1300 RPM                |
| Max. airflow                   | 64.3 m³/h               | 52.6 m³/h               |
| Max. acoustical noise          | 17.6 dB(A)              | 13.1 dB(A)              |
| Max. static pressure           | 1.61 mmH <sub>2</sub> O | 1.09 mmH <sub>2</sub> O |