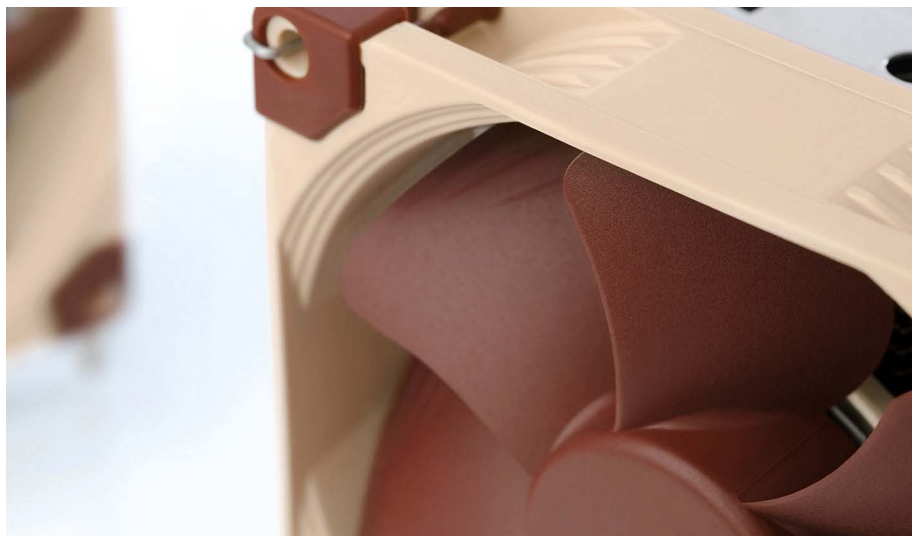


# NH-D9 DX-4677 4U

## Noctua NH-D9 DX-4677 4U D-Type Premium Cooler



Noctua's DX line CPU coolers have become a default choice in premium grade quiet cooling solutions for Intel Xeon processors. The NH-D9 DX-4677 4U features a larger, custom-designed contact surface for LGA4677 platforms. Based on the proven, 92mm size NH-D9L heatsink and equipped with two of Noctua's award-winning, PWM controlled NF-A9 92mm fans (high-efficiency 2500rpm version), it combines strong performance with excellent compatibility for 4U systems and other space-restricted applications. The NH-D9's direction of airflow is perpendicular to the long axis of the LGA4677 socket, so it is ideal for systems where the exhaust fans of the chassis are in this direction. For systems that require the airflow to go parallel to the long axis of the socket, please choose the NH-D9 DX-4677 4U. Topped off with the professional SecuFirm2™ mounting system and pre-applied NT-H1 thermal compound, the NH-D9 DX-4677 4U forms a complete premium quality package for quietly cooling LGA4677 based Xeon workstations and servers.

### DX series for Intel Xeon

First introduced in 2008, Noctua's DX line CPU coolers have become a standard choice when it comes to quiet, premium grade air cooling solutions for Intel Xeon processors. Thanks to their superior acoustic efficiency, they are ideal for workstations and servers that run in noise sensitive environments (e.g. audio/video production, content creation, engineering, etc.).

### Customised for LGA4677

The new DX-4677 line coolers are dedicated, customised solutions for Intel's professional LGA4677 platform, which makes them an ideal fit for both 4th generation Xeon Scalable CPUs (Platinum, Gold, Silver or Bronze) and w9, w7, w5 or w3 series Xeon processors for workstations.

### Compatible with E1A, E1B and E1C carrier frames

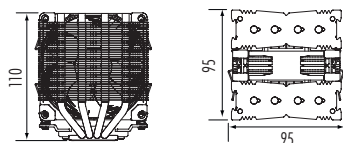
LGA4677 processors require plastic CPU carrier frames for installation, which are included with retail boxed CPUs and available separately via Intel sales partners for tray CPUs. The SecuFirm2™ mounting for LGA4677 is compatible with all types of carriers (E1A, E1B, E1C).

### 6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. True to this legacy, the NH-D9 DX-4677 4U heatsink is built to last, and like all Noctua fans, the supplied NF-A9 units feature an MTTF rating of more than 150,000 hours. The entire package comes with a full 6-year manufacturer's warranty.

### NH-D9 DX-4677 4U HEATSINK SPECIFICATIONS

|                                 |                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------|
| Socket compatibility            | Intel Xeon LGA4677                                                                      |
| 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 heatpipes), 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                              |
| 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 <sub>2</sub> O                  |

### LOGISTIC DATA

Product name  
Noctua NH-D9 DX-4677 4U

EAN  
9010018000375

UPC  
841501100376

Packaging dimensions (HxWxD)  
195x160x160 mm

Weight incl. packaging  
1246 g

Warranty  
6 years

Packaging unit  
8 pcs

Packaging dimensions / unit (HxWxD)  
417x360x344 mm

Weight incl. packaging / unit  
10.50 kg

### SCOPE OF DELIVERY

NH-D9 DX-4677 4U heatsink  
2x NF-A9 HS-PWM premium fan  
NA-YC1 4-pin PWM y-cable  
NT-H1 high-grade thermal compound (pre-applied)  
SecuFirm2™ mounting kit for LGA4677  
NM-SMT5 Torx® T30 mounting tool