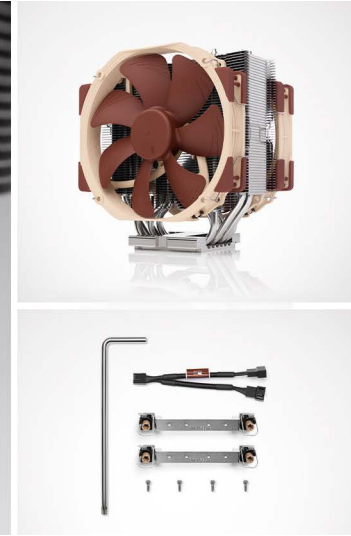


# NH-U14S DX-4677

## Noctua NH-U14S DX-4677 U-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-U14S DX-4677 features a larger, custom-designed contact surface for LGA4677 platforms. Based on the proven, 140mm size NH-U14S heatsink and equipped with two of Noctua's award-winning, PWM controlled NF-A15 140mm fans, it combines maximum performance and superb acoustics. Topped off with the professional SecuFirm2™ mounting system and pre-applied NT-H1 thermal compound, the NH-U14S DX-4677 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

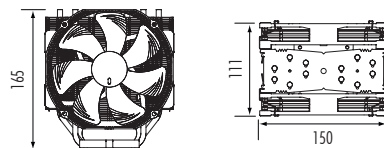
Noctua products are renowned for their impeccable quality and outstanding longevity. True to this legacy, the NH-U14S DX-4677 heatsink is built to last, and like all Noctua fans, the supplied NF-A15 units feature an MTTF rating of more than 150,000 hours. The entire package comes with a full 6-year manufacturer's warranty.

### NH-U14S DX-4677 HEATSINK SPECIFICATIONS

|                                     |   |
|-------------------------------------|---|
| Socket compatibility                | Intel Xeon LGA4677  |
| Dimensions                          | 165x150x52 mm   |
| Dimensions with 2x NF-A15 HS-PWM    | 165x150x111 mm  |
| Weight                              | 797 g   |
| Weight with 2x NF-A15 HS-PWM        | 1136 g  |
| Material                            | Copper (base and heatpipes), aluminium (cooling fins), soldered joints & nickel plating |
| Fan compatibility with 120 mm holes | 140x150x25 mm, 140x140x25 mm & 120x120x25 mm  |

### NF-A15 HS-PWM FAN SPECIFICATIONS

|                                |  |
|--------------------------------|--|
| Dimensions                     | 140x150x25 mm                            |
| Connector                      | 4-pin PWM                                |
| Bearing                        | SS02                                     |
| Blade geometry                 | A-Series with Flow Acceleration Channels |
| Frame technology               | AAO                                      |
| Max. input power               | 1.56 W                                   |
| Voltage                        | 12 V                                     |
| MTTF                           | > 150,000 h                              |
| Max. rotational speed (+/-10%) | 1500 RPM                                 |
| Max. airflow                   | 140.2 m³/h                               |
| Max. acoustical noise          | 24.6 dB(A)                               |
| Max. static pressure           | 2.08 mm H <sub>2</sub> O                 |



### LOGISTIC DATA

Product name

Noctua NH-U14S DX-4677

EAN

9010018000399

UPC

841501100390

Packaging dimensions (HxWxD)

230x225x145 mm

Weight incl. packaging

1800 g

Warranty

6 years

Packaging unit

8 pcs

Packaging dimensions / unit (HxWxD)

485x470x320 mm

Weight incl. packaging / unit

15.50 kg

### SCOPE OF DELIVERY

NH-U14S DX-4677 heatsink

2x NF-A15 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 Tax® T30 mounting tool