# Specifications for the X1133A-R6 4-Port 16-Gb FC Target-Only Adapter
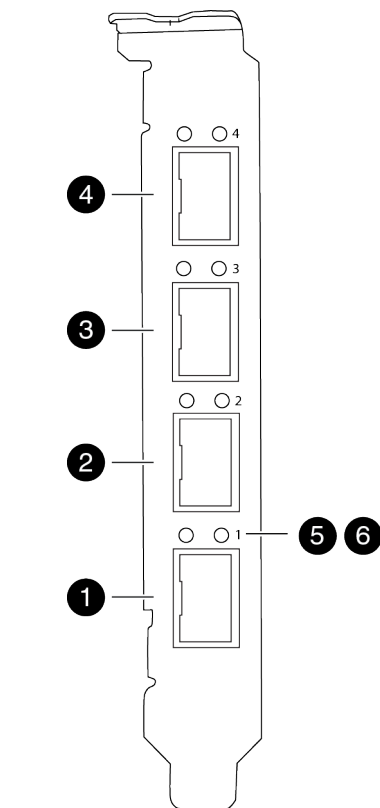
The X1133A-R6 card is a 4-port, 16-Gb, target-only FC adapter consisting of two 2-port pairs, for use with supported fiber-optic and copper SFP+ cables. You should see the *Hardware Universe* at for specific platform information.

### General specifications

| Media type | Ports | PCI slot type | Connector type | Version of software supported |
|---|---|---|---|---|
| Twinaxial copper/fiber-optic | Four ports | PCIe | SFP+ copper, LC optical | Data ONTAP® 8.3 |

## Location of LEDs and ports

You must connect to the X1133A-R6 ports using supported copper SFP+ cables. You can monitor the activity on the ports through the LEDs on the bezel.



| | |
|---|---|
| ❶ ❷ ❸ ❹ | Ports a, b, c, and d, respectively |
| ❺ ❻ | LEDs 0 and 1, respectively; one set of amber and green for each port |

The ports in the illustration are labeled a, b, c, and d because Data ONTAP identifies ports alphabetically. The physical ports are labeled 1 for Port a, 2 for Port b, 3 for Port c, and 4 for Port d.

## What the LEDs mean

The LEDs on the X1133A-R6 provide you with information about traffic to the ports as well as information about their status and their connections. The LED color and activity varies, depending on the current operation of the ports.

| Green LED | Amber LED | State |
|-----------|-----------|-------|
| Off | Off | Boot failure |
| Off | On | POST failure |
| Off | Slow blink | Boot failure after POST |
| Off | Fast blink | Not defined |
| Off | Flashing | POST processing in progress |
| On | Off | Failure in Common Code Module |
| On | On | Failure in Common Code Module |
| On | Two fast blinks | Normal (link up at 4 GFC) |
| On | Three fast blinks | Normal (link up at 8 GFC) |
| On | Four fast blinks | Normal (link up at 16 GFC) |
| On | Flashing | Not defined |
| Slow blink | Off | Normal, link down |

## Installation and configuration of the X1133A-R6

You can find the most up-to-date installation, cabling, and configuration information about the X1133A-R6 card and your platform online.

For supported platform models and slot assignment, see the *Hardware Universe* at *hwu.netapp.com*. Specific information about installing this card in your platform can be found in the PCIe replacement flyer for your platform at *mysupport.netapp.com/ documentation/productsatoz/index.html*.

**Configuration resources**

You can refer to the following documentation, available at *mysupport.netapp.com*, when configuring the X1133A-R6 card for your specific release of Data ONTAP:

- *Clustered Data ONTAP Network Management Guide*

- *Clustered Data ONTAP SAN Administration Guide*

- *Clustered Data ONTAP SAN Configuration Guide*

If you cannot access *mysupport.netapp.com*, contact technical support at +1 (888) 463-8277 (North America), +00 800 44 638 277 (Europe), or +800 800-80-800 (Asia/Pacific) for help.