



# Specifications for the X1120A-R6 Dual-Port 10GBASE-T Network Interface Card

The X1120A-R6 is a dual-port, 10GBASE-T Ethernet network interface card (NIC). For supported platform models and slot assignments, see the *Hardware Universe* at [hwu.netapp.com](http://hwu.netapp.com).

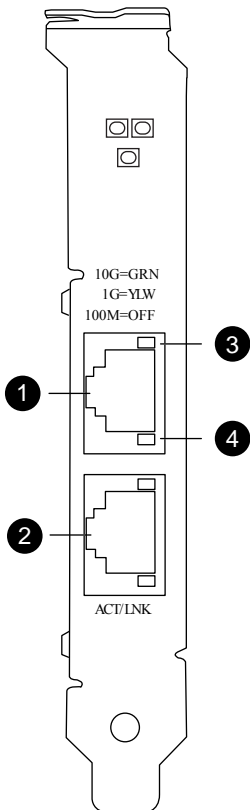
## General specifications

Media type	Ports	PCI slot type	Connector type	Version of software supported
Copper: 1000BASE-T, 10GBASE-T	Two ports	PCIe	RJ45	Data ONTAP® 8.2.1 or later

## Location of LEDs and ports

You must connect to the X1120A-R6 card ports using Ethernet cables equipped with RJ45 jacks. You can monitor the status and activity of each port through the LEDs adjacent to the card ports.

### X1120A-R6



<b>1</b>	Port A	<b>2</b>	Port B
<b>3</b>	Speed LED (one per port)	<b>4</b>	Activity/Link LED (one per port)

## What the LEDs mean

Each port on the X1120A-R6 NIC includes two LEDs. The top (speed) LEDs indicate the network speed at which the NIC is operating. The bottom (activity/link) LEDs provide information about traffic to and status of the NIC and its connection to the network.

LED position and function	Status indicator	Description
Top (speed)	Green	The NIC is operating at 10 Gb speed.
	Amber	The NIC is operating at 1 Gb speed.
	Off	The NIC is operating at 100 Mb speed (not supported).
Bottom (activity/link)	Green	A valid network connection is established.
	Flashing green	There is data activity.
	Off	There is no network connection present.

## How the Ethernet cable type and length affect the card speed

The type and length of Ethernet cable used with the X1120A-R6 card determine the speed at which it can perform.

**Note:** The color displayed by the card's speed LEDs is not affected by Ethernet cable type and length.

Ethernet cable type	Maximum length for 10GBASE-T support	Maximum length for 1000BASE-T support
Category 6a	100 meters	100 meters
Category 6	55 meters	100 meters
Category 5e	Not supported	100 meters

## Where to get NIC installation information

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

For supported platform models and slot assignments, see the *Hardware Universe* at [hwu.netapp.com](http://hwu.netapp.com).

Specific information about installing this NIC in your platform can be found in the PCIe replacement flyer for your platform at [support.netapp.com/documentation/productsatoz/index.html](http://support.netapp.com/documentation/productsatoz/index.html).

NIC and port configuration information for your specific release of Data ONTAP is in the *Data ONTAP Network Management Guide for 7-Mode* or *Clustered Data ONTAP Network Management Guide* at [support.netapp.com](http://support.netapp.com).

If you cannot access [support.netapp.com](http://support.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 with the replacement procedure.