

# [ Quick Start Guide ]



QUICK START GUIDE

**CONVERGED NETWORK ADAPTER INSTALLATION**



*Purchasers of OEM products should consult with the OEM for support.*

Please feel free to contact your QLogic approved reseller or QLogic Technical Support at any phase of integration for assistance. QLogic Technical Support can be reached by the following methods:

<b>Web</b>	<a href="http://support.qlogic.com">http://support.qlogic.com</a>
<b>Email</b>	support@qlogic.com
<b>Phone</b>	(952) 932-4040

Contact information for other regions of the world, along with the QLogic knowledge database containing troubleshooting information for QLogic CNAs, can be accessed from the QLogic support web site at: <http://support.qlogic.com>.

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# Quick Start Guide

## Installation Instructions

This Quick Start Guide describes how to install and configure your new QLogic Converged Network Adapter (CNA) in four simple steps:

- Step 1. Verify the package contents.
- Step 2. Install the CNA hardware.
- Step 3. Install the CNA drivers.
- Step 4. Install the SANsurfer FC HBA Manager (FCoE support included).



Keep the CNA in the antistatic bag until installation. The CNA contains parts that can be damaged by electrostatic discharge (ESD). Before handling the CNA, use standard methods to discharge static electricity. Place the CNA on the bag when examining it. Retain the bag for future use.

### Step 1. Verify the Package Contents:

The QLogic CNA is shipped with the following items

- QLogic CNA
- Quick Start Guide (this document)
- SANsurfer CD

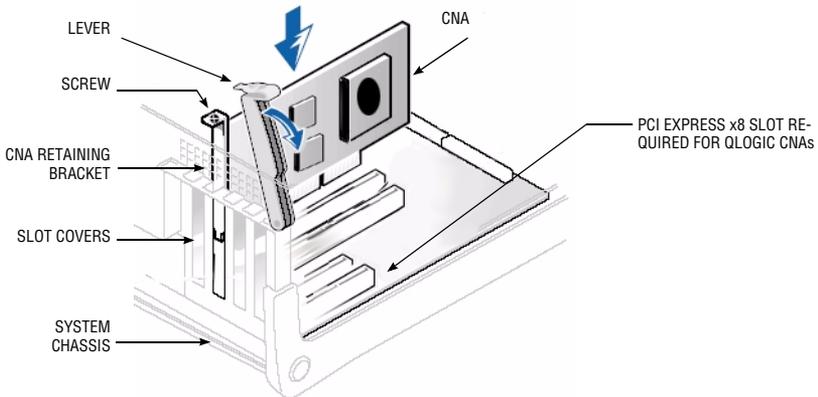


### Step 2. Install the CNA Hardware

To install the CNA hardware, you need to open the computer and locate the appropriate bus slot. If necessary, consult your computer system manual for instructions to remove the computer cover.

Follow these steps to install the CNA hardware:

1. Power off the computer, then disconnect the power cable.
2. Remove the computer cover and find an empty PCIe x8 bus slot.
3. Pull out the slot cover (if any) by removing the screw or releasing the lever.
4. Grasp the CNA by the top edge and seat it firmly into the appropriate slot.
5. Refasten the CNA's retaining bracket using the existing screw or lever.
6. Close the computer cover.
7. Plug the appropriate Ethernet cable (either copper or optical) into the CNA.
8. Plug in the power cable and turn on the computer.



*Sample Motherboard and Slots*

### Step 3. Install the CNA Drivers

To install the FCoE drivers:

1. Go to <http://driverdownloads.qlogic.com>.
2. From the driver list at the bottom of the page, select **FCoE CNAs** and **QLE8042**.
3. Select the appropriate driver for your operating system.
4. Follow the included instructions for installing the downloaded driver.

To install the Ethernet drivers:

1. Go to <http://support.intel.com> and search for **82598 10 Gigabit Ethernet Controller** in the **Download Center** section.
2. Follow the instructions provided on the Intel website to install the drivers.

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## Step 4. Install the SANsurfer FC HBA Manager (FCoE Support Included)

To install the SANsurfer FC HBA Manager from the CD:

1. Select your applicable **operating system**.
2. Click **I Accept** on the License Agreement.
3. Select your **specific operating system**.
4. Select the **SANsurfer FC HBA Manager** install file.
5. Follow the on-screen directions to complete the installation.

### ***Congratulations! You have successfully installed your QLogic CNA!***

- To obtain the most current drivers, management tools, user instructions, and documentation, please visit the QLogic website at <http://driverdownloads.qlogic.com> and download the latest versions.
- The following section contains additional information about the QLogic CNA, including the LED scheme, warranty, and laser safety information.

## CNA LEDs

### *QLE8042 CNA LED Scheme*

<b>Green LED (Link)</b>	<b>Green LED (Activity, TX/RX)</b>	<b>Activity</b>
Off	Off	Power on (no link)
On	Off	Link established, no activity
On	Flashing	Link established, TX/RX activity

## Warranty

Please check the QLogic Web site at <http://www.qlogic.com/Support/warranty.aspx> for warranty details.

## Laser Safety

### FDA Notice

This product complies with DHHS Rules 21CFR Chapter I, Subchapter J. This product has been designed and manufactured according to IEC60825-1 on the safety label of laser product.

Class 1 Laser Product  
Appareil laser de classe 1  
Produkt der Laser Klasse 1  
Luokan 1 Laserlaitte

Caution—Class 1 laser radiation when open  
Do not view directly with optical instruments

Attention—Radiation laser de classe 1  
Ne pas regarder directement avec des instruments optiques

Vorsicht—Laserstrahlung der Klasse 1 bei geöffneter Abdeckung  
Direktes Ansehen mit optischen Instrumenten vermeiden

Varoitus—Luokan 1 lasersäteilyä, kun laite on auki  
Älä katso suoraan laitteeseen käyttämällä optisia instrumenttejä

<b>CLASS I LASER</b>
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## Agency Certification QLogic CNAs

The following sections contain a summary of EMC/EMI test specifications performed on the QLogic CNAs to comply with radiated emission, radiated immunity, and product safety standards.

### EMI and EMC Requirements

**FCC Part 15 compliance:** Class A (QLE8042)

**FCC compliance information statement:** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**ICES-003 compliance:** Class A (QLE8042)

- For QLE8042 CNAs: This Class A digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

**CE Mark 2004/108/EC EMC Directive compliance:**

EN55022:2006/CISPR22:2006 - Class A (QLE8042)

EN55024:1998

Immunity Standards

EN61000-4-2 : ESD

EN61000-4-3 : RF Electro Magnetic Field

EN61000-4-4 : Fast Transient/Burst

EN61000-4-5 : Fast Surge Common/ Differential

EN61000-4-6 : RF Conducted Susceptibility

EN61000-4-8 : Power Frequency Magnetic Field

EN61000-4-11: Voltage Dips and Interrupt

EN61000-3-2 : Harmonic Current Emission

EN61000-3-3 : Voltage Fluctuation and Flicker

**VCCI:** Class A (QLE8042)

**AS/NZS CISPR22:** Class A (QLE8042)

**CNS 13438:** Class A (QLE8042)

- For QLE8042 CNAs  
This is a Class A product. In a domestic environment, this product may cause radio interference, in which case, the user may be required to take adequate measures.

警告使用者:  
這是甲類的資訊產品，在居住的環境中使用時，  
可能會造成射頻干擾，在這種情況下，  
使用者會被要求採取某些適當的對策。

**MIC:** Class A (QLE8042)

- For QLE8042 CNAs: Korea MIC Class A Certified



Product Name/Model

Certification holder

Manufactured date

Manufacturer/Country of origin

Fibre Channel CNA

QLogic Corporation

Refer to date code listed on product

QLogic Corporation/USA

A class equipment  
(Business purpose info/telecommunications  
equipment)

As this equipment has undergone EMC registration for business  
purpose, the seller and/or the buyer is asked to beware of this point  
and in case a wrongful sale or purchase has been made, it is asked  
that a change to household use be made.

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- Korean Language Format— Class A

**A급 기기 (업무용 정보통신기기)**

이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며, 만약 잘못판매 또는 구입하였을 때에는 가정용으로 교환하시기 바랍니다.

## Product Safety Compliance

**UL, cUL product safety:** QLE8042

UL60950

CSA C22.2 No.60950

Class 1 Laser Product per DHHS 21CFR (J)

**2006/95/EC low voltage directive:** QLE8042

TUV:

-EN60950-1:2001+A11

-EN60825-1:1994+A1+A2

-EN60825-2:2004

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