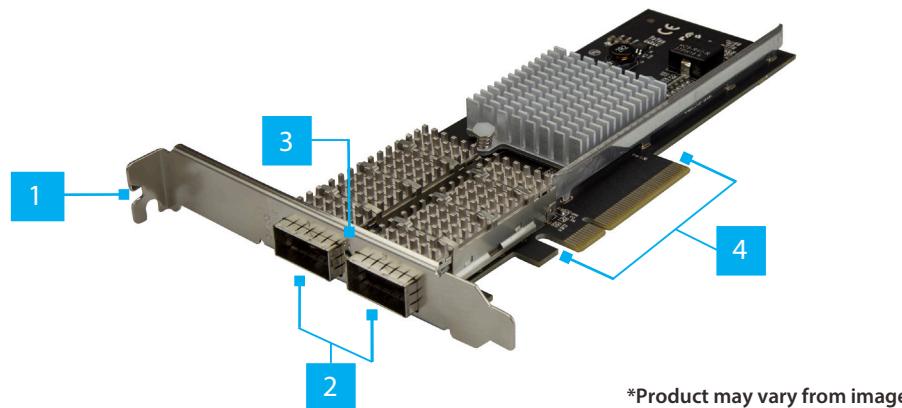


Dual-Port QSFP+ Server Network Card - PCI Express - Intel Chip

Product Diagram

PEX40GQSFDP1



	Port/LED/Connector	Function
1	Bracket	<ul style="list-style-type: none"> Secures the card to the Host Computer Case The Full Profile Bracket comes pre-installed
2	Open SFP Slot x 2	<ul style="list-style-type: none"> Add a MSA-Compliant SFP Transceiver Module Supports 40 Gbps QSFPs
3	LED Indicators	<ul style="list-style-type: none"> Link or activity LEDs
4	PCIe 3.0 x8 Connector	<ul style="list-style-type: none"> Insert into a PCI Express Slot on the Host Computer

Package Contents

- Open SFP Network Card x 1
- Low-Profile Bracket x 1
- Quick-Start Guide x 1

Requirements

For the latest requirements, please visit www.startech.com/PEX40GQSFDP1.

- Host computer with an available PCI Express 2.0 or greater slot (x8, or x16)

Installation

Install the PCI Express Card

WARNING!

Static Electricity can severely damage **PCI Express Cards**. Ensure that you are adequately **Grounded** before you open your **Host Computer Case** or touch the **PCI Express Card**. You should wear an **Anti-Static Strap** or use an **Anti-Static Mat** when installing any Host Computer component. If an **Anti-Static Strap** isn't available, discharge any built-up static electricity by touching a large **Grounded Metal Surface** for several seconds. Only handle the **PCI Express Card** by its edges and don't touch the gold connectors.

- Turn off the **Host Computer** and any **Peripheral Devices** that are connected to it (e.g. printers, external hard drives, etc.).
- Unplug the **Power Cable** from the back of the **Host Computer**.
- Disconnect any **Peripheral Devices** that are connected to the **Host Computer**.
- Remove the **Cover** from the **Host Computer Case**. Consult the documentation that came with the **Host Computer** for details about doing this safely.
- Locate an open **PCI Express Slot** and remove the corresponding **Slot Cover Plate** from the back of the **Host Computer Case**.

Note: Consult the documentation that came with the **Host Computer** for details about doing this safely. This card works in PCI Express x8 or x16 Slots.

- Gently insert the **PCI Express Card** into the open **PCI Express Slot** and fasten the **Bracket** to the back of the **Host Computer Case**.

Note: If you install the **PCI Express Card** into a **Small Form Factor** or a **Low Profile Desktop System**, it may be necessary to replace the pre-installed standard **Full Profile Bracket** with the included **Low Profile Bracket**.

- Return the **Cover** onto the **Host Computer Case**.
- Insert a compatible **40G QSFP+ Transceiver Module**, into the **QSFP Slot** onto the **PCI Express Card**.
- Reconnect the **Power Cable** to the back of the **Host Computer**.
- Reconnect all of the **Peripheral Devices** disconnected in **Step 3**.
- Connect a **Fiber or Ethernet Network Cable** depending on the **QSFP Transceiver Module** used. Connect the other end of the cable to a **Network Device**.
- Turn on the **Host Computer** and **Peripheral Devices**.

Download the Driver

1. Navigate to www.startech.com/PEX40GQSFDP1
2. Click the **Drivers & Downloads** tab.
3. Under **Driver(s)**, download the **Driver Package**.

Install the Driver

Windows

1. Right-click the zipped **Driver Package** that was downloaded. Click **Extract All**. Follow the on-screen instructions to extract the files.

Note: Windows usually saves the files to the **Downloads** folder associated with the user account (e.g. C:\Users\useraccount\Downloads)

2. Follow the instructions on the accompanying **Intel_Windows_DIG** file for further **Installation Instructions**.

Linux

1. Extract the contents of the **Driver Package**.
2. Follow the instructions on the accompanying **README** file for further **Installation Instructions**.

Regulatory Compliance

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit than the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device. If shielded interface cables are included with the product, or if additional components or accessories are designated for use with the installation, they must be used to ensure compliance with FCC regulations.

ISED Statement / Déclaration d'ISDE

CAN ICES-003(B) / NMB-003(B)

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Warranty Information

This product is backed by a two year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Verify the Driver Installation

Windows

1. Navigate to the **Device Manager**.
2. Under **Network Adapters**, right-click **Intel Ethernet Controller** (e.g. Intel Ethernet Controller I225-V) and click the **Properties** option.
3. Confirm that the **Driver** is installed and working as expected.

Linux

Note: Ensure Linux kernel 2.4 (LTS) or higher is being used. Execute the following command from the terminal prompt to check the kernel version, `uname -r`.

1. Open a **Terminal Window** and type the command `sudo dmesg | grep Intel` to check the **Intel Driver Integration**.
2. You should see the following response if the drivers are present, **Intel(R) Gigabit Network Driver**.

Safety Measures

- Read the entire manual and ensure the instructions are fully understood before assembling and/or using this product.

Mesures de Sécurité

- Lisez tout le manuel et assurez-vous que vous comprenez les instructions avant de commencer à assembler et utiliser ce produit.

安全対策

- 最初に取扱説明書を最後まで読み、本製品の組み立て方をすべて理解してから組み立て作業を始めて下さい。

Misura di Sicurezza

- Leggere l'intero manuale e assicurarsi di aver compreso tutte le istruzioni prima di iniziare ad assemblare e a utilizzare questo prodotto.

Säkerhetsåtgärder

- Läs hela manuallen och se till att du förstår instruktionerna innan du börjar montera och använda produkten.

Medidas de Seguridad

- Leer todo el manual y asegúrese de haber comprendido bien las instrucciones antes de proceder con el ensamblaje y el uso de este producto.



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