PCIe fiber network card - 2-port open SFP -10G
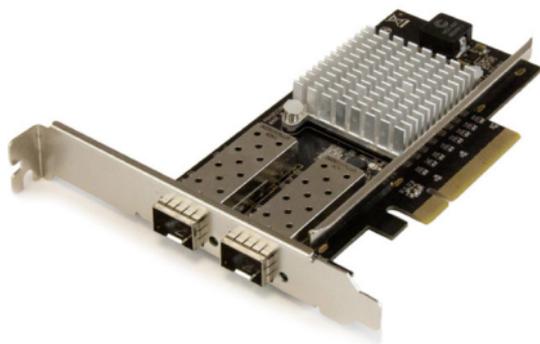
PEX20000SFPI

*actual product may vary from photos

DE: Bedienungsanleitung - de.startech.com
FR: Guide de l'utilisateur - fr.startech.com
ES: Guía del usuario - es.startech.com
IT: Guida per l'uso - it.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - pt.startech.com

For the latest information, technical specifications, and support for this product, please visit www.startech.com/PEX20000SFPI.

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 into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help

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.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.
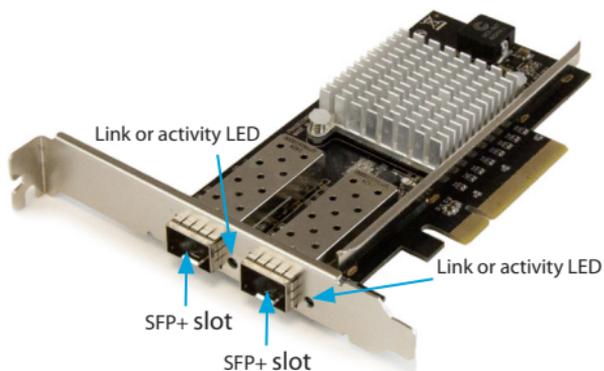
CAN ICES-3 (B)/NMB-3(B)

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Table of Contents

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Product diagram

Link or activity LED

SFP+ slot

SFP+ slot

Link or activity LED

Packaging contents

- 1 x 2-port PCIe 10GBase fiber network card
- 1 x low-profile bracket
- 1 x instruction manual

System requirements

- PCI Express® enabled computer with an available PCI Express slot (x8 or x16)
- One or two 10G SFP+ transceiver module(s) as desired
- Windows® 8, 8.1 (32/64-bit)
- Windows 7 (32/64-bit)
- Windows Server® 2008 R2
- Windows Server 2012
- Linux® Kernel 2.6.24 and later
- Microsoft® Hyper-V®

Note: Operating system requirements are subject to change. For the latest requirements, please visit www.startech.com/PEX20000SFPI.

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Installation

Install the PCI Express card

Warning!

PCI Express cards can be severely damaged by static electricity. Make sure that you're properly grounded before you open your computer case or touch your PCI Express card. StarTech.com recommends that you wear an anti-static strap when you install any computer component. If an anti-static strap isn't available, discharge any built-up static electricity by touching a large grounded metal surface (for example, the computer case) for several seconds. Only handle the PCI Express card by its edges and don't touch the gold connectors.

1. Turn off your computer and any peripherals connected to your computer (for example, printers, external hard drives, and so on).

2. Unplug the power cable from the back of your computer.

3. Disconnect any peripheral devices connected to your computer.

4. Remove the cover from your computer case. Consult the documentation that came with your computer for details about how to do this safely.

5. Locate an open PCI Express x8 slot and remove the corresponding metal cover plate on the back of the computer case. Consult the documentation that came with your computer system for details about how to do this safely.

Note: This card will work in PCI Express slots of additional lanes (for example, x16 slots).

6. Gently insert the card into the open PCI Express slot and fasten the bracket to the back of the case.

Note: If you install the card into a small form factor or a low-profile desktop system, it may be necessary to replace the preinstalled standard-profile bracket with the included low-profile (half height) installation bracket.

7. Place the cover back onto your computer case.

8. Insert one or two 10G SFP+ transceiver module(s) of your choice into the SFP+ slot(s) on the card.

9. Reconnect the power cable to the back of your computer.

10. Reconnect all of the peripheral devices that you disconnected in step 3.

11. Turn on your computer.

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Install the driver on a computer running Windows

1. If the **Found New Hardware** dialog box appears on your screen, close the dialog box or click **Cancel**.

2. To download the latest driver, navigate to www.StarTech.com and enter **PEX20000SFPI** in the **Search** field.

3. Click the **Support** tab.

4. Download a driver.

5. When the download is complete, extract the contents of the compressed file that you downloaded.

6. Double-click the appropriate driver for the version of Windows that you're running and follow the on-screen instructions to complete the installation.

Verify that the driver was installed successfully

1. Depending on the version of Windows that you're running, do one of the following:

   - If you're running a version of Windows 7, in the **Start** menu, right-click **Computer**. Click **Manage**. In the **Computer Management** window, select **Device Manager**.

   - If you're running Windows 8.1, press the **Windows** key + **X**. Click **Device Manager**.

2. Expand the **Network Adapters** section. If the driver was installed successfully, the list won't contain any exclamation or question marks next to the devices.

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Connect to a network

1. Turn off your computer and any peripherals connected to your computer (for example, printers, external hard drives, and so on).

2. Unplug the power cable from the back of your computer.

3. If you haven't done so already, insert one or two compatible 10GBase SFP+ tranceiver module(s) of your choice into the SFP+ slot(s) on the card.

4. Prepare a fiber network cable with corresponding connectors for the two end devices. One end will connect to the 10GBase fiber card, while the other end will connect to a 10GBase fiber port on your network switch or device.

5. Connect the fiber network cable to the proper connector on your SFP+ transceiver module on the 10GBase fiber card.

6. Connect the other end of the fiber network cable to your 10GBase-LR/SR/LRM switch.

7. When the fiber network cable is connected properly, connect the power cable again and turn on your computer.

8. Check the LED on the 10GBase card to make sure a connection was established.

Connection: Solid, green LED

Activity: Blinking, green LED

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Technical support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **www.startech.com/support** and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit **www.startech.com/downloads**

Warranty information

This product is backed by a two-year warranty.

StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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