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Quick-Start Guide

1 Port PCI Express 10GbE SFP+ Network Adapter Card

Product Diagram (PEX10GSFP)
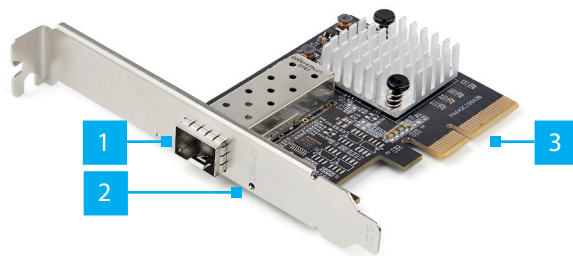
	Component	Function
1	SFP+ Slot	• Connect a **10G SFP+ Transceiver Module** to the **PCI Express Card.**
2	Link/Activity LED	• **Solid Green:** A link to a **Network Device** has been established. • **Flashing Green:** Indicates network activity.
3	PCI Express Connector (x4)	• Used to connect the **PCI Express Card** to the **Host Computer**. • Gen 3 connection.

Requirements

For the latest requirements, please visit www.startech.com/PEX10GSFP

• PCI Express enabled computer with an available PCI Express x4 slot
• 10G SFP+ Transceiver Module
• **Operating System:**
  • Windows® 7, 8, 8.1, or 10
  • Windows Server® 2008 R2, 2012, 2012 R2, 2016, or 2019
  • Linux 3.10 - 4.14 (LTS versions only)
  • VMWare® ESXi 6.0, 6.5, or 6.7
  • Microsoft Hyper-V®

Hardware Installation

Installing the Low Profile Bracket

By default the **Full Profile Bracket** is attached to the **PCI Express Card**. Depending on your system configuration you may need to remove the **Full Profile Bracket** and replace it with the **Low Profile Bracket** (included).

1. Using a **Small Phillips Head Screwdriver**, remove the two **Bracket Screws** securing the **Full Profile Bracket** to the **PCI Express Card**.

2. Align the **Screw Holes** on the **PCI Express Card** with the **Screw Holes** on the **Low Profile Bracket**. Making sure the **PCI Express Card** is sitting on-top of the **Screw Holes** on the **Low Profile Bracket**.

3. Insert the **Bracket Screws** through the **PCI Express Card** and into the **Screw Holes** on the **Low Profile Bracket**.

4. Using the **Small Phillips Head Screwdriver**, tighten the **Bracket Screws**, being careful not to over-tighten.

Installing the PCI Express Card

> *Warnings:* *PCI Express Cards can be severely damaged by static electricity. Be sure you are properly grounded before touching the* **PCI Express Card***. It is recommended that you wear an anti-static strap when installing any computer component or discharge yourself of any static electricity build-up by touching a large grounded metal surface for several seconds.*
>
> *Make sure to handle the* **PCI Express Card** *by its edges and not the gold connectors.*

1. Turn off the **Host Computer** and any **Peripherals Devices** connected to the computer (e.g. printers, external hard drives, etc.).

2. Unplug the **Power Cable** from on the back of the **Host Computer** and disconnect all **Peripheral Devices**.

3. Remove the **Cover** from the **Host Computer Case** (refer to the documentation that came with the **Host Computer** for further details).

4. Locate an open **PCI Express x4 Slot** and remove the metal cover plate on the rear of the **Computer Case** (See documentation for your computer system for details).

   > *Note:* *This card will work in* **PCI Express Slots** *of additional lanes (e.g. x8, or x16 slots).*

5. Gently insert the **PCI Express Card** into an open **PCI Express Slot** and fasten the **Bracket** to the rear of the **Computer Case**.

6. Place the **Cover** back onto the **Computer Case**.

7. Insert the 10G SFP+ transceiver module of your choice, compatible with your network, into the SFP+ slot on the **PCI Express Card**.

8. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.

> *Note:* *The 10G fiber card is compatible with 10G SFP+ transceiver modules only.*

Driver Installation

When the **PCI Express Card** is installed the drivers should install automatically. If the drivers do not automatically install, navigate to www.startech.com/PEXUSB314A2V2 to download the appropriate driver package.

1. Click on the *Support* tab, under *Drivers*, select the appropriate driver package for the Operating System running on the **Host Computer**.

2. When you have downloaded and unzipped the driver. Click on the **Installation Guide PDF** and follow the instructions.

Connecting to a Network

1. Insert a compatible **10G SFP+ Transceiver Module**, into the **SFP+ Slot** on the **PCI Express Card**.

2. Connect a **Fiber Network Cable** or **Cat5e/6 Cable** to the **10G SFP + Transceiver Module** and the other end to a **10G Fiber Port** or **RJ45 Port** on a **Network Device**.

Safety Measures
- If product has an exposed circuit board, do not touch the product under power.

Mesures de sécurité
- Si l'un des circuits imprimés du produit est visible, ne pas touchez le produit lorsqu'il est sous tension.

安全対策
- 製品に露出した状態の回路基盤が含まれる場合、電源が入っている状態で製品に触らないでください。

Misure di sicurezza
- Se il prodotto ha un circuito stampato visibile, non toccare il prodotto quando è acceso.

Säkerhetsåtgärder
- Rör aldrig vid enheter med oskyddade kretskort när strömmen är påslagen.