Quick start guide

1-Port PCIe 10GBase-T / NBase-T Ethernet Network Card

ST10GSPEXNB

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

Packaging contents

- 1 x 1-port PCI Express® 5-speed Ethernet network card
- 1 x driver CD
- 1 x low-profile mounting bracket
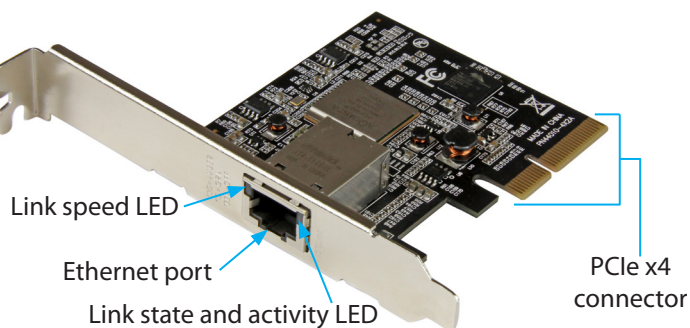- 1 x quick start guide

System requirements

- PCI Express enabled computer with an available PCI Express slot (x4, x8, or x16)
- Any of the following operating systems:
  - Windows® 10 (32-bit or 64-bit)
  - Windows 8.1 (32-bit or 64-bit)
  - Windows 8 (32-bit or 64-bit)
  - Windows 7 (32-bit or 64-bit)
  - Windows Server® 2012
  - Windows Server 2008 R2
  - Mac OSX 10.11
  - Mac OSX 10.10

Note: If you want to use 10GBase-T, you will need a Cat6a cable. For other speeds, you need to use a Cat5e cable.

System requirements are subject to change. For the latest requirements, please visit www.startech.com/ST10GSPEXNB.

Product diagram

Link speed LED
Ethernet port
Link state and activity LED
PCIe x4 connector

*actual product may vary from photos

Installation

Install the PCI Express card

Warning! PCI Express cards can be severely damaged by static electricity. Make sure that you are properly grounded before you open your computer case or touch your PCI Express card. You should 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 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 that are connected to it (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 that are 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 slot and remove the corresponding metal cover plate from the back of your computer case. Consult the documentation that came with your computer for details about how to do this safely. This card works in PCI Express slots of additional lanes (x4, x8, or 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. Reconnect the power cable to the back of your computer.
9. Reconnect all of the peripheral devices that you disconnected in step 3.
10. Turn on your computer and peripherals.

Install the driver on a computer running Windows

1. If the **Found New Hardware** dialog box appears when you turn on your computer after installing the network card, close or cancel the dialog box.
2. Insert the provided driver CD into your computer.
3. On the **Ethernet Adapter** screen, click **Install Driver**.
4. On the **Install Driver** screen, click **PCIe 10G**.
5. Click **Install** and follow the on-screen instructions to finish installing the driver.

For the latest information, technical specifications, and support for this product, please visit www.startech.com/ST10GSPEXNB.

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Verify driver installation on a computer running Windows

1. On your computer, navigate to **Device Manager**.
2. Under **Network adapters**, right-click **TN4010 10GBase-T Ethernet Network Card** and click **Properties**.
3. Confirm that the driver is installed and working as expected.

Install the driver on a computer running Mac OS

1. On your computer, open an Internet browser and navigate to www.startech.com/S10GSPEXNB.
2. Click the **Support** tab.
3. Under **Driver(s)**, download the driver for your operating system.
4. Follow the on-screen instructions to finish installing the driver.

Verify driver installation on a computer running Mac OS

1. On your computer, in the **finderbar**, click the **Apple** icon.
2. Click **About This Mac** > **System Report** > **PCI Cards**.
3. Check to make sure that **Yes** is listed next to **Driver Installed**.

About LED indicators

The ST10GSPEXNB features two LED indicators, one on either side of the Ethernet port. For more information about the LED indicators, consult the table below.

Link speed LED

LED behavior	Scenario
Amber LED is illuminated	Link speed is 10Gbps
Green LED is illuminated	Link speed is 5Gbps, 2.5Gbps, or 1Gbps
Neither LED is illuminated	Link speed is 100Mbps

Link state and activity LED

LED behavior	Scenario
Green LED is illuminated	Network port is connected
Green LED is blinking	Network port is active