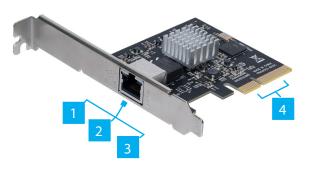# StarTech.com
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1-Port PCIe 10GBase-T | NBase-T Ethernet Network Card

Product Diagram (ST10GSPEXNB)

	Port/LED/Connector	Function
1	Link Speed LED	• Indicates Link speed. • Solid Amber = 10Gbps • Solid Green = 5, 2.5, or 1Gbps • Off = 100Mbps
2	Ethernet Port	• Used to connect a network to the Network Card.
3	Link State/Activity LED	• Indicates Network Card Activity. • Solid Green = Network port connected • Flashing Green = Network port is active
4	PCIe x4 Connector	• Used to connect to a computers PCI Express Slot.

Requirements

For the latest requirements, please visit www.startech.com/ST10GSPEXNB.

• PCI Express enabled computer with an available PCI Express slot (x4, x8, or x16)
• Operating systems:
  • Windows® 10, 8.1, 8, 7, Windows Server® 2012, Windows Server 2008 R2
  • Mac OSX 10.14, 10.13, 10.12

Installation

Install the PCI Express Card

> **Warnings!** *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.*
>
> *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 pre-installed 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 (Windows)

1. Using a web browser, navigate to www.startech.com/ST10GSPEXNB.

2. On the **Product** page, click the **Support** tab located in the middle of the screen.

3. In the **Drivers and Downloads** section, click on the driver link that corresponds with the operating system running on the **Host Computer**.

4. Right click the zip folder that you downloaded from the website.

5. Click the **Extract All** link and follow the on-screen instructions.

6. On the keyboard press the **Windows and R** keys and type devmgmt.msc and press Enter to open the *Device Manager* screen.

7. Right-click ethernet control device, which will have a ! or ? next to it indicating a driver issue.

8. Click **Update Driver > Browse my computer for driver software**.

9. Select the **Let me pick from a list of device drivers on my computer** link.

10. on the select your device's type from the list below screen, Click the **Show All Devices** button, and click the **Next** button.

11. Select the **Hard Disk** option and browse to the **Windows** folder.

12. Click the **TN40xxmp_file**.

13. Click **OK > Next.**

Verify Driver Installation (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 (macOS)

1. On your computer, open an Internet browser and navigate to www.startech.com/ST10GSPEXNB.

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 (macOS)

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**.