

## 1-Port PCIe 4-Speed 5GBASE-T/NBASE-T Ethernet Network Card

### ST5GPEXNB

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  
 JP: 取扱説明書 - jp.startech.com

### Package contents

- 1 x network card
- 1 x low-profile mounting bracket
- 1 x driver CD
- 1 x instruction manual

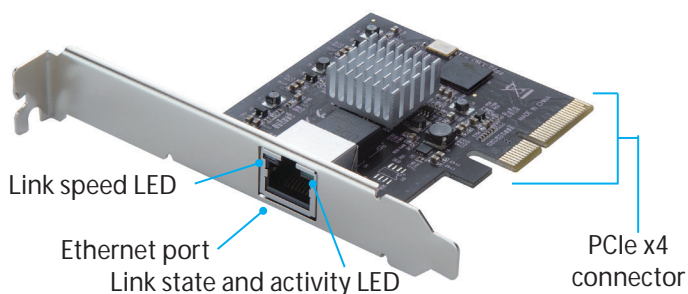
### Requirements

- 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® 2016
  - Windows Server 2012
  - Windows Server 2008 R2
  - macOS 10.13
  - macOS 10.12
  - Linux kernel 2.6.36 – 4.4

**Note:** For 5GBase-T and 2.5GBase-T connections, Cat5e network cable is required.

System requirements are subject to change. For the latest requirements, please visit [www.StarTech.com/ST5GPEXNB](http://www.StarTech.com/ST5GPEXNB).

### Product diagram



\*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 the 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, etc.).
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.
6. Gently insert the card's PCIe x4 connector 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 drivers

##### Windows

1. If the **Found New Hardware** dialog box appears, close or cancel the dialog box.
2. Insert the driver CD into your computer.
3. Using Windows Explorer, browse to the main directory on the CD, and open the **ST5GPEXNB** folder.
4. Open the folder that corresponds with your operating system.
5. Run the setup(.exe) file.
6. Click **Install** and follow the on-screen instructions to finish installing the driver.

- Optional: To verify that the driver installation was successful, navigate to **Device Manager**. Under **Network adapters**, right-click **TN9710Q 5Gbase-T/NBase-t Ethernet Adapter** and click **Properties**. If installation was successful the driver will be installed and working as expected.

## macOS

- On your computer, open an internet browser and navigate to [www.StarTech.com/ST5GPEXNB](http://www.StarTech.com/ST5GPEXNB).
- Click the **Support** tab.
- Under **Driver(s)**, download the driver for your operating system.
- Follow the on-screen instructions to finish installing the driver.
- Optional: To verify installation, on your computer, in the **System Information** window, click the **Network** tab.
- Click **About This Mac > System Report > PCI Cards**. Check to make sure that **Yes** is listed next to **Driver Installed**.

## About the LED indicators

The network card features two LED indicators, one on either side of the Ethernet port:

### Link speed LED

LED behavior	Scenario
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

## 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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For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

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