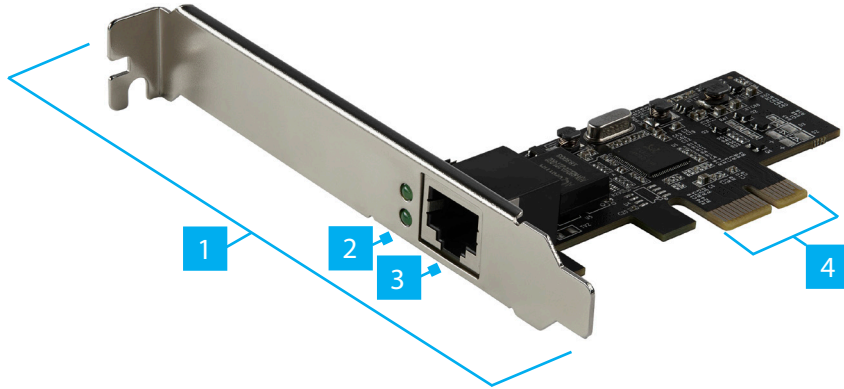


## 1 Port PCI Express 2.5Gbps NBase-T Ethernet Network Card

### Product Diagram (ST2GPEX)



	Port/LED/Connector	Function
1	Bracket	<ul style="list-style-type: none"> <li>Both Low-Profile and Full-Height Brackets are included</li> </ul>
2	Link/Activity LED Indicators	<ul style="list-style-type: none"> <li>Indicates Link Speeds</li> <li>Top <b>LED Indicator</b> is Solid Green = 2.5Gbps Link</li> <li>Top <b>LED Indicator</b> is Flashing Green = 2.5Gbps Activity</li> <li>Bottom <b>LED Indicator</b> is Solid Green = 1Gbps/100Mbps/10Mbps Link</li> <li>Bottom <b>LED Indicator</b> is Flashing Green = 1Gbps/100Mbps/10Mbps Activity</li> </ul>
3	Ethernet Port	<ul style="list-style-type: none"> <li>Used to connect a <b>Network Cable</b> to the <b>Network Card</b></li> </ul>
4	PCIe x1 Connector	<ul style="list-style-type: none"> <li>Insert into a <b>PCI Express Slot</b></li> </ul>

### Requirements

For the latest requirements, please visit [www.startech.com/ST2GPEX](http://www.startech.com/ST2GPEX).

- Computer with an available PCI Express Slot (x1, x4, x8, or x16)
- Operating systems:
  - Windows® 10, 8.1, 8, 7, Windows Server® 2016, Windows Server 2012 and 2012 R2, Windows Server 2008 R2
  - macOS 10.14, 10.13, 10.12
  - Linux Kernel 2.4.20 to 4.14.x (64-bit) LTS Versions

### 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 **Peripheral Devices** 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 **Slot 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 x1, x4, x8, or x16 slots.
6. Gently insert the **PCI Express Card** into the open **PCI Express Slot** and fasten the **Bracket** to the back of the **Computer Case**.
 

**Note:** If you install the **PCI Express Card** into a **Small Form Factor** or a **Low-Profile Desktop System**, it may be necessary to replace the pre-installed standard **Full-Height Bracket** with the included **Low-Profile Bracket**.
7. Return 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 were disconnected in step 3.
10. Turn on your **Computer** and **Peripheral Devices**.

## Install the Driver

1. On your **Computer**, open an **Internet Browser** and navigate to [www.startech.com/ST2GPEX](http://www.startech.com/ST2GPEX).
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 (Windows)

1. On your **Computer**, navigate to the **Device Manager**.
2. Under **Network Adapters**, right-click **Realtek PCIe 2.5GbE Family Controller** and click **Properties**.
3. Confirm that the **Driver** is installed and working as expected.

## Verify Driver Installation (macOS)

1. On your **Computer**, in the **Finder Bar**, 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**.

### 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.

### For the State of California

▲ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### 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)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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## Verify Driver Installation (Linux)

1. Run **lsmod | grep r8125** from the command line.
2. Verify that the **Driver** is present in the command line.

### Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to [www.startech.com/warranty](http://www.startech.com/warranty).

### Limitation of Liability

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### 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.

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