



# StarTech com ST1000SPEX2 1 Port PCIe Gigabit Network Card User Guide

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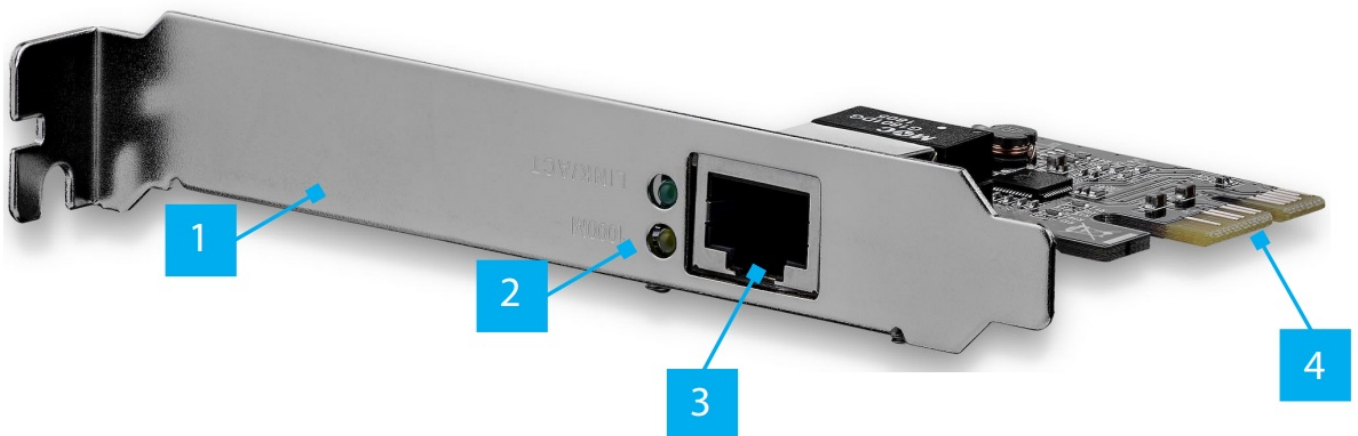
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## Product IDs

- ST1000SPEX2
- ST1000SPEX2L

## Product Diagram (ST1000SPEX2)



|   | 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><b>LINK/ACT (Link/Activity)</b> <ul style="list-style-type: none"> <li>Solid Green: Link/cable detected</li> <li>Flashing Green: Data transmission</li> <li>Off: No link/cable detected</li> </ul> </li> <li><b>1000M (Gigabit)</b> <ul style="list-style-type: none"> <li>Solid Yellow: 1000 Mbps (Gigabit) Link detected</li> <li>Off: 10/100 Mbps Link or No link detected</li> </ul> </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/ST1000SPEX2](http://www.startech.com/ST1000SPEX2)

[www.startech.com/ST1000SPEX2L](http://www.startech.com/ST1000SPEX2L)

- Computer with an available PCI Express Slot (x1, x4, x8, or x16)

## Package Contents

- PCIe Network Card x 1
- Low-Profile Bracket (ST1000SPEX2) / Standard Profile Bracket (ST1000SPEX2L) x 1
- Quick-Start Guide x 1

## 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 FullHeight 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/ST1000SPEX2](http://www.startech.com/ST1000SPEX2)  
[www.startech.com/ST1000SPEX2L](http://www.startech.com/ST1000SPEX2L)
2. Click the Drivers & Downloads tab.
3. Under Driver(s), download the Driver for your operating system.
4. Extract the contents of the Driver Package
5. Execute the Installer and follow the on-screen instructions to finish installing the Driver.

#### **For Linux Systems**

- a. Extract the contents of the Driver Package.
- b. Follow the installation instructions on the accompanying README.txt file

#### **Verify Driver Installation (Windows)**

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

#### **Verify Driver Installation (Linux)**

1. Run `lsmod grep r8168` from the command line.

2. Verify that the Driver is present in the command line.

## **Regulatory Compliance**

### **FCC – Part 15**

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:

- 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.

## **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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## **Customer Support**

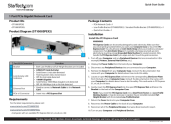
**To view manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit**  
[www.startech.com/support](http://www.startech.com/support).

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## Documents / Resources



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Network Card, PCIe Gigabit Network Card, Network Card, Card

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