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StarTech 4 Port 2.5GBase-T Ethernet Network Adapter Card User Guide

Contents

StarTech 4 Port 2.5GBase-T Ethernet Network Adapter Card

Product Diagram

(PR42GI-NETWORK-CARD)

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P1

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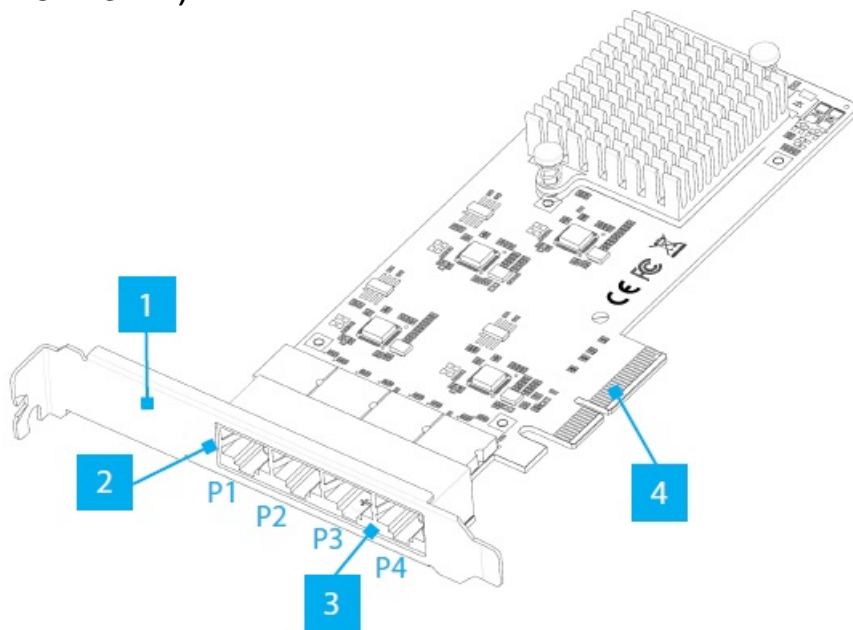
	Port/LED/Connector	Function
1	Bracket	• Secures the card to the **Host Computer Case** • The **Full Profile Bracket** comes pre-installed • The **Low Profile Bracket** is included
2	4x Ethernet Ports	• Connect a **Network Cable** to the **Network Card** • Supports 2.5 Gbps, 1 Gbps, 100 Mbps, and 10 Mbps *Note: Ethernet port 1 (P1) is the only port that supports WoL (Wake-on-LAN).*
3	LED Indicators	• **Left LED Indicator** is **Link Speed** • Solid Green: 2.5 Gbps • Solid Amber: 1 Gbps • Off: 100 or 10 Mbps • **Right LED Indicator** is **Link Status** • Solid Green: Active link • Flashing Green: Activity
4	PCIe 2.0 x4 Connector	• Insert into a **PCI Express Slot** on the **Host Computer**

Package Contents

- 4-Port PCIe 2.5 Gbps Network Card x 1
- Low Profile Bracket x 1
- Quick-Start Guide x 1

Requirements

For the latest requirements, please visit **www.startech.com/PR42GI-NETWORK-CARD**

- Host Computer with an available PCI Express 2.0 or greater Slot (x4, x8, or x16)

Installation

Install the PCI Express Card

WARNING!
Static Electricity can severely damage PCI Express Cards. Ensure that you are adequately Grounded before you open your Host Computer Case or touch the PCI Express Card. You should wear an Anti-Static Strap or use an Anti-Static Mat when installing any Host 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 the Host Computer and any Peripheral Devices that are connected to it (e.g. printers, external hard drives, etc.).
2. Unplug the Power Cable from the back of the Host Computer.
3. Disconnect any Peripheral Devices that are connected to the Host Computer.
4. Remove the Cover from the Host Computer Case. Consult the documentation that came with the Host Computer for details about doing this safely.
5. Locate an open PCI Express Slot and remove the corresponding Slot Cover Plate from the back of the Host Computer Case.
   Note: Consult the documentation that came with the Host Computer for details about doing this safely. This card works in PCI Express 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 Host 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 Profile Bracket with the included Low Profile Bracket.
7. Return the Cover onto the Host Computer Case.
8. Reconnect the Power Cable to the back of the Host Computer.
9. Reconnect all of the Peripheral Devices disconnected in Step 3.
10. Turn on the Host Computer and Peripheral Devices.
11. Connect an Ethernet Cable to the Ethernet Port(s).

Download the Driver

1. Navigate to **www.startech.com/PR42GI-NETWORK-CARD**
2. Click the Drivers & Downloads tab.
3. Under Driver(s), download the Driver Package for Windows.
   Note: Windows usually saves the files to the Downloads folder associated with the user account (e.g. C:\Users\useraccount\Downloads).
4. Right-click the zipped Driver Package that was downloaded. Click Extract All.
   Follow the on-screen instructions to Extract the files.
   Note: Ensure to make a note of the location where the drivers were extracted. That location will be used in later steps.
5. Follow the instructions on the accompanying Intel_Windows_DIG file for further Installation Instructions.

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.

Industry Canada Statement
This Class B digital apparatus complies with Canadian ICES-003.
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.

Warranty Information

This product is backed by a two years warranty.
For further information on product warranty terms and conditions, please refer to **www.startech.com/warranty**.

Limitation of Liability
In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Verify the Driver Installation

Windows

1. Navigate to the Device Manager.
2. Under Network Adapters, right-click Intel Ethernet Controller I225-V and click the Properties option.
3. Confirm that the Driver is installed and working as expected.

Linux

Note: Ensure kernel 5.8 or higher is being used. Execute the following command from the terminal prompt to check the kernel version, uname -r.

1. Open a Terminal Window and type the command sudo dmesg | grep Intel to check the Intel Driver Integration.
2. You should see the following response if the drivers are present, Intel(R) 2.5G Ethernet Linux Driver.

Safety Measures

- Read the entire manual and ensure the instructions are fully understood before assembling and/or using this product.

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To view manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit
www.startech.com/support

Documents / Resources

	StarTech 4 Port 2.5GBase-T Ethernet Network Adapter Card [pdf] User Guide PR42GI-NETWORK-CARD, 4 Port 2.5GBase-T Ethernet Network Adapter Card, 4 Port Ethernet Network Adapter Card, 2.5GBase-T Ethernet Network Adapter Card, Ethernet Network Adapter Card, Network Adapter Card, Adapter Card

References

- ● **StarTech.com | IT Pro's Trusted Source for Connectivity Accessories**
- ● **4-Port NBASE-T 2.5Gbps PCIe Network Card - Network Adapter Cards | StarTech.com**
- ● **StarTech.com Support**
- ● **StarTech.com Warranty Policy**