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STARTECH COM OR4IGI-NETWORK-CARD 4 PORT
RJ45 GIGABIT OCP 3.0 SERVER NETWORK CARD

StarTech com OR41GI-NETWORK-CARD 4 Port RJ45 Gigabit OCP 3.0 Server Network Card User Guide
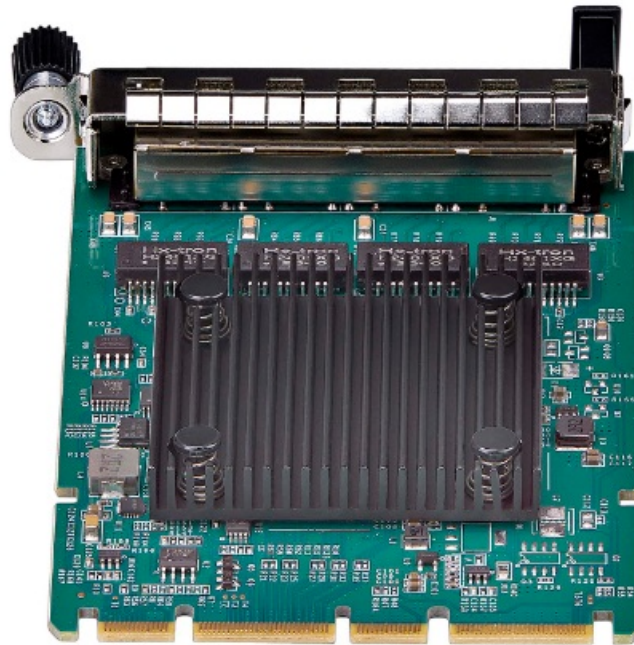
Contents

StarTech.com

StarTech com OR41GI-NETWORK-CARD 4 Port RJ45 Gigabit OCP 3.0 Server Network Card

Specifications:

- **Product Name:** 4-Port RJ45 Gigabit OCP 3.0 Server Network Card
- **Model:** OR41GI-NETWORK-CARD
- **Ports:** 4 x RJ45 Ports
- **Connector:** 4C+ Connector (OCP NIC 3.0)

Product Usage Instructions

Installation:

1. Unplug the Power Cable from the back of the Host Server and disconnect any Peripheral Devices.
2. Remove the Cover from the Server Case following the Host Server documentation.
3. Locate an open OCP NIC 3.0 Slot and remove the corresponding Slot Cover Plate.
4. Gently insert the Server Network Card into the OCP NIC 3.0 Slot and turn the Locking Screw to attach it to the back of the Server Case/Chassis.
5. Return the Cover onto the Host Server.
6. Connect one or more Network Cables to the RJ45 Ports on the Server Network Card.
7. Reconnect all disconnected Peripheral Devices.
8. Reconnect the Power Cable to the back of the Host Server.
9. Turn on the Host Server and Peripheral Devices.

Driver Installation

1. **Windows:**
   - Extract the downloaded Driver Package and follow the on-screen instructions.
   - Refer to the Intel_Windows_DIG file for further Installation Instructions.
2. **Linux:**
   - Extract the contents of the Driver Package.

- Follow the instructions in the accompanying README file for further Installation Instructions.

Verify Driver Installation:

- **Windows:**
    1. Navigate to Device Manager and check under Network Adapters for Intel(R) I350 Gigabit Network Connection.
    2. Confirm proper installation by checking Properties.
- **Linux:**
    1. Check the kernel version using the uname -r command.
    2. Type sudo dmesg | grep Intel in Terminal to verify Intel Driver Integration.

Regulatory Compliance:
This product complies with FCC – Part 15 and Industry Canada Statement regulations.

Warranty Information:
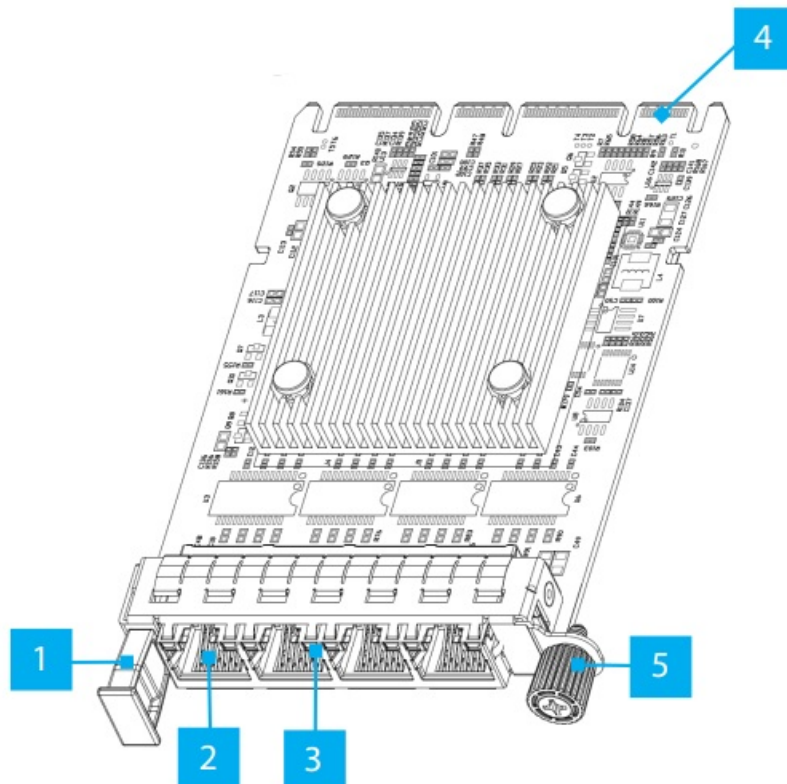The product is covered by a two-year warranty. For detailed terms and conditions, visit www.startech.com/warranty.

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Product Diagram

OR41GI-NETWORK-CARD

	Port/LED/Connector	Function
1	Pull Tab	• Pull to remove the **Server Network Card** from the **OCP NIC 3.0 Slot**
2	RJ45 Port x 4	• Connect a **Network Cable** to the **Server Network Card** • Supports 1 Gbps, 100 Mbps, and 10 Mbps

3	LED Indicators	• **Left LED Indicator** is **Link Speed**
		  • Solid Green: 1 Gbps
		  • Solid Amber: 10/100 Mbps
		• **Right LED Indicator** is **Link Status**
		  • Solid Green: Active link
		  • Flashing Green: Activity

4	4C+ Connector (OCP NIC 3.0)	• Insert into an **OCP NIC 3.0 Slot** on the **Host Server**
5	Locking Screw	• Secure the card to the **Host Server Case**

Package Contents

- OCP NIC 3.0 Network Card x 1
- Quick-Start Guide x 1

Requirements

For the latest requirements, please visit **www.startech.com/OR41GI-NETWORK-CARD**

- Host server with an available OCP NIC 3.0 slot

Installation

Install the Server Network Card

WARNING!
Static Electricity can severely damage Network Cards. Ensure that you are adequately grounded before you open your Host Server Case or touch the Server Network Card. You should wear an Anti-Static Strap or use an Anti-Static Mat when installing 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 Server Network Card by its edges and do not touch the gold connectors.

1. Turn off the Host Server 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 Server, and disconnect any Peripheral Devices that are connected.
3. Remove the Cover from the Server Case. Consult the documentation that came with the Host Server for details about doing this safely.

4. Locate an open OCP NIC 3.0 Slot and remove the corresponding Slot Cover Plate from the back of the Host Server.

5. Gently insert the Server Network Card into the OCP NIC 3.0 Slot. Turn the Locking Screw to attach the Server Network Card to the back of the Server Case/Chassis.

6. Return the Cover onto the Host Server.

7. Connect one or more Network Cable/s to the RJ45 Ports on the Server Network Card.

8. Reconnect all of the Peripheral Devices disconnected in Step 2.

9. Reconnect the Power Cable to the back of the Host Server.

10. Turn on the Host Server and Peripheral Devices.

Download the Driver

1. Navigate to **www.startech.com/OR41GI-NETWORK-CARD**

2. Click the Drivers & Downloads tab.

3. Under Driver(s), download the Driver Package.

Install the Driver

Windows

1. Right-click the zipped Driver Package that was downloaded. Click Extract All. Follow the on-screen instructions to extract the files.
   Note: Windows usually saves the files to the Downloads folder associated with the user account (e.g. C:\Users\useraccount\Downloads)

2. Follow the instructions on the accompanying Intel_Windows_DIG file for further Installation Instructions.

Linux

1. Extract the contents of the Driver Package.

2. Follow the instructions on the accompanying README file for further Installation Instructions

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.

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 license-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-year 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(R) I350 Gigabit Network Connection and click the Properties option.
3. Confirm that the Driver is installed and working as expected.

Linux
Note: Ensure Linux kernel 2.4 (LTS) 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) Gigabit Network 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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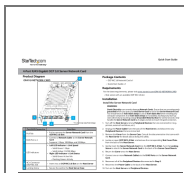
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6. **JP**: **startech.com/jp**

Documents / Resources

	StarTech com OR41GI-NETWORK-CARD 4 Port RJ45 Gigabit OCP 3.0 Server Network Card [pdf] User Guide OR41GI-NETWORK-CARD, OR41GI-NETWORK-CARD 4 Port RJ45 Gigabit OCP 3.0 Server Network Card, OR41GI-NETWORK-CARD Server Network Card, 4 Port RJ45 Gigabit OCP 3.0 Server Network Card, 4 Port RJ45 Gigabit OCP, 3.0 Server Network Card, Gigabit OCP Network Card, Network Card, Card

References

- **User Manual**