ExpressCard

Gigabit Ethernet

User Manual

(DN-10141)

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Features and Benefits

- Fully compliant with ExpressCard Specification 1.0
- ExpressCard/34 Form Factor Module
- Fully compliant with IEEE 802.3, 802.3u and 802.3ab
- 10/100/1000M data rate auto-negotiation
- LEDs indicate the status of data transmission
- Support Wake On Lan (WOL) power management (optional)
- Feature full duplex mode that doubles that the network connection
- Supports Windows® 2000, XP, Server 2003, Vista, 7

Package Contents

- 1 x Gigabit Ethernet ExpressCard
- 1 x Driver CD
- 1 x User's Manual

System Requirements

- Windows® 2000/XP/Server 2003/Vista/7
- ExpressCard-enabled system with an available ExpressCard slot
- CAT5/CAT5E/CAT6 UTP/STP cable

Hardware Description

① F - Gigabit Link/Active LED
② L - 100 Link/Active LED

LED Indicators

The following table provides descriptions of the LED status and their meaning.

LED	Color	Status	Description
F (1000/ACT)	GREEN	ON	The port is connecting with 1000 Mbps
		BLINK	Sending/Receiving Packets
L (100/ACT)	GREEN	ON	The port is connecting with 100 Mbps
		BLINK	Sending/Receiving Packets

Hardware Installation

General instructions for installing the card are provided below. Since the design of system may vary, refer to your system's reference manual for further information, if needed.

Insert the Gigabit Ethernet ExpressCard into the ExpressCard slot of your system. Make sure it is inserted all the way in for a solid connection.

Driver Installation

For Windows® 2000/XP/Server 2003/7

Once the Windows® 2000, XP and Server 2003 start, Gigabit Ethernet ExpressCard will be detected by system. Following is the procedures for installing Gigabit Ethernet ExpressCard driver under Windows® XP Service Pack 2 operating system.

1. When **Found New Hardware Wizard** Window pop-up, please click **"Cancel"** button to cancel the driver installation for the device at this moment. The driver for this device will be installed in the next step.

2. Please insert the CD driver bound with Gigabit Ethernet ExpressCard into your CD-ROM Drive.

3. At the Windows desktop click **Start**, then **Run**.

4. Type **D:\DN-10141\setup.exe**, then click **OK**. (Change **D:** to match your CD-ROM drive letter)

5. Follow the on-screen instructions to complete the instructions.

6. Restart Windows to complete the installation.

For Windows® Vista

Once the Windows® Vista start, Gigabit Ethernet ExpressCard will be detected by system. Following is the procedures for installing Gigabit Ethernet ExpressCard driver under Windows® Vista operating system.

1. Please insert the CD driver bound with Gigabit Ethernet ExpressCard into your CD-ROM Drive.

2. At the Windows desktop click **Start**, then **Run**.

3. Type **D:\DN-10141\Vista\setup.exe**, then click **OK**. (Change **D:** to match your CD-ROM drive letter)

4. Follow the on-screen instructions to complete the installation.

5. Restart Windows to complete the installation.

Verify Driver Installation

Click on the **"Device Manager"** tab in System Properties, which you access from the Windows Control Panel. You should see a **"Realtek RTL8168C(P)/8111C(P) PCI-E Gigabit Ethernet NIC** (Windows® 2000/XP/Server2003)" or "**Realtek RTL8168C/8111C Family PCI-E Gigabit Ethernet NIC (NDIS 6.0)** (Windows® Vista)**"** installed under **"Network adapters"** item.

Networking Settings

1. Click **"Network Connection"** in Control Panel to set your network settings.

2. Right-click the **Local Area Connection** used by the Gigabit Ethernet ExpressCard, then select **"Properties"** from the pop-up menu.

3. Double-click the **"Internet Protocol (TCP/IP)"** item to set network settings.

4. Right-click the **Local Area Connection** used by the Gigabit Ethernet ExpressCard., then select **"Status"** from the pop-up menu. You can affirm network status.