EDIMAX
NETWORKING PEOPLE TOGETHER

EN-9235TX-32

User Manual

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The product you have purchased and the setup screen may appear slightly different from those shown in this QIG. For more information about this product, please refer to the user manual on the CD-ROM. The software and specifications are subject to change without notice. Please visit our website www.edimax.com for updates. All brand and product names mentioned in this manual are trademarks and/or registered trademarks of their respective holders.

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Chapter 1: Introduction

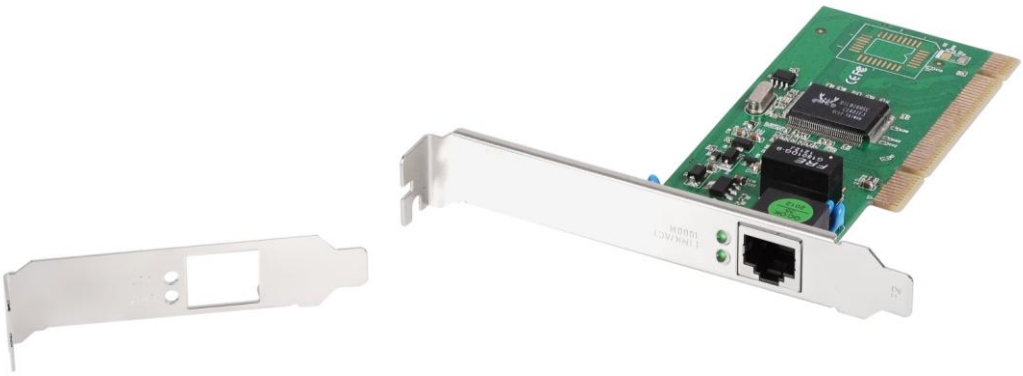
1.1 Model no.

EN-9235TX-32: Gigabit Ethernet PCI Adapter

1.2 Package Contents

Before you start using this product, please check if there is anything missing in the package, and contact your dealer to claim the missing item(s):

- Gigabit Ethernet 32-bit PCI Adapter x 1
- Low-profile bracket x 1
- Quick installation guide x 1
- CD containing setup wizard, user manual & multi-language QIG x 1



1.3 LED Status

There are two LED indicators on the adapter:

- **LINK Indicator**

This indicator lights green when the Gigabit Adapter is connected to a Gigabit Ethernet Network device.

- **Activity Indicator (ACT)**

This indicator blinks green when transmitting or receiving data on the network.

1.4 Product Features

- Supports 32-bit 33/66MHz PCI Local Bus Master high-speed operation (Rev.2.1/2.2/2.3)
- Complies with IEEE 802.3, 802.3u, 802.3ab and 802.3x standards
- Supports 10/100Mbps full and half duplex, 1000Mbps full duplex
- Supports 10/100/1000Mbps Auto Negotiation and jumbo frame
- Supports IEEE 802.3x Full Duplex flow control
- Supports IEEE 802.1Q VLAN Tagging
- Supports PCI 2.2 Wake On LAN function
- Supports PCI Message Signalled Interrupt (MSI)
- Built-in FIFO buffers reduce overhead of memory transfers
- Includes a Setup Wizard program
- Includes a low-profile bracket
- Plug-and-Play
- Supports drivers for Novell 5.X/6.X, Windows 98/ME/NT4.0/2000/XP/Vista/7,Linux 2.4.x

1.5 System Requirements

- 32-bit PIC slot
- CD-ROM Drive
- CPU: Pentium III 1G above or similar
- Memory size: 256MB RAM or above
- Hard Disk: Minimum 100MB disk space
- OS: Novell 5.X/6.X, Windows 98/ME/NT4.0/2000/XP/Vista/7,Linux 2.4.x
- RJ-45 Ethernet cable

Chapter 2: Installation

2.1 Hardware Installation

To install the adapter, please follow the steps listed below:

A. Turn off your computer and unplug/disconnect ***all*** cables, including the power supply.

B. Remove your computer's case cover.

C. Locate an available PCI Express slot.

D. Remove the screw that secures the back plate (the small piece of metal that covers the opening for a PCI Express card on the back panel of your computer), then remove the back plate.

E. Carefully insert the adapter into the PCI Express slot. Do not touch the metal connector on the adapter.

F. Secure the adapter to the case using the screw you removed from the back plate.

G. Reattach your computer's case cover.

H. Reconnect the power cord and all other cables to your computer, and then turn on your computer.

When the hardware has been successfully installed in your computer, you will be prompted on-screen to follow the "Found New Hardware Wizard"; please click **"Cancel"** and follow **2.2 Driver Installation** to install the driver for your adapter.

For Windows XP

2.2 Driver Installation

The included CD contains a setup wizard which will guide Windows users through the installation process, as explained in the next section. You can also install the drivers manually. Please follow the instructions appropriate for your operating system.

2.2.1 Windows: Setup Wizard

Windows 7/Vista/98SE/ME/2000/XP

A. Please insert the Driver CD-ROM into your computer's CD-ROM drive.

B. Select the product model "**EN-9235TX-32".**

C. Click "**Setup Driver".**

D. The wizard will help you install the driver for Windows 7/Vista/98SE/ME /2000/XP.

E. Restart Windows to complete the installation.

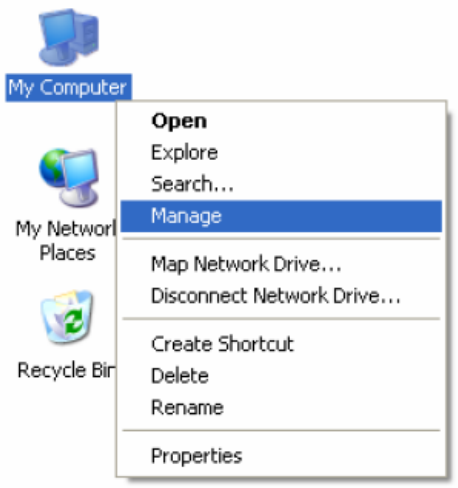
2.2.2 Windows : CD Drivers

Windows 7/Vista/98SE/ME/2000/XP

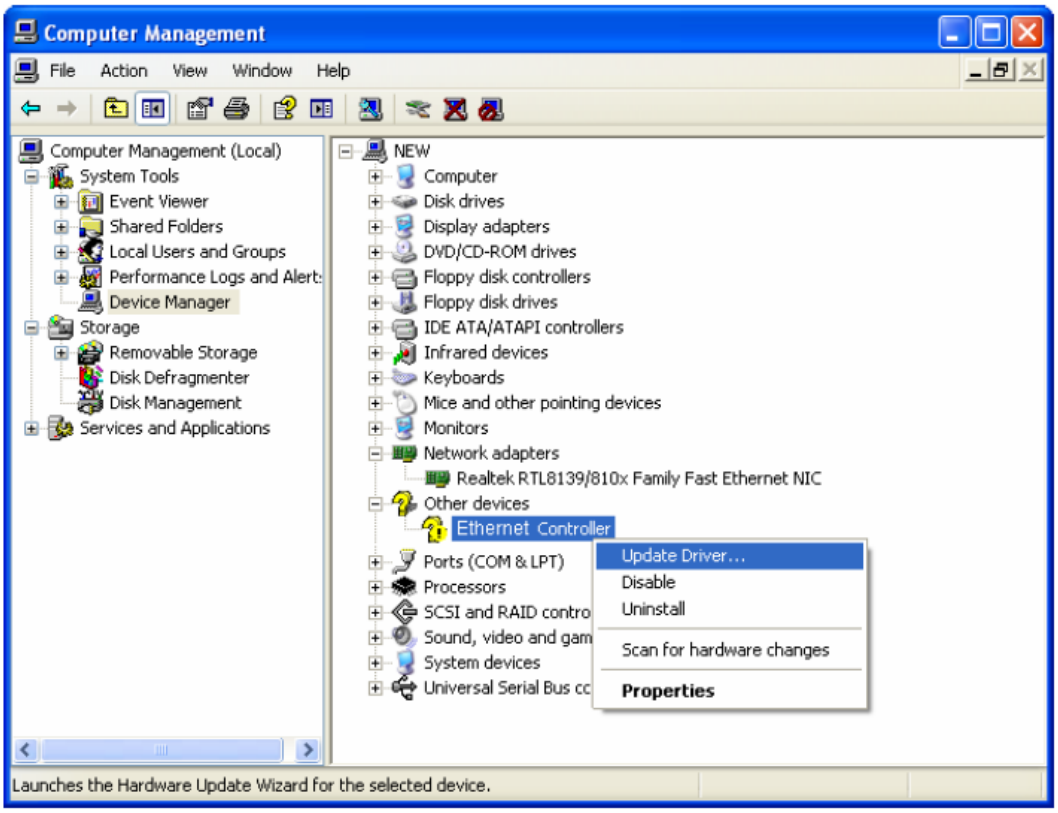
Windows 7/Vista/98SE/ME/2000/XP users can alternatively install the drivers manually. The following instructions will guide you through the CD Drivers installation procedure.

A. Insert the Edimax Resource CD into the CD-ROM drive.

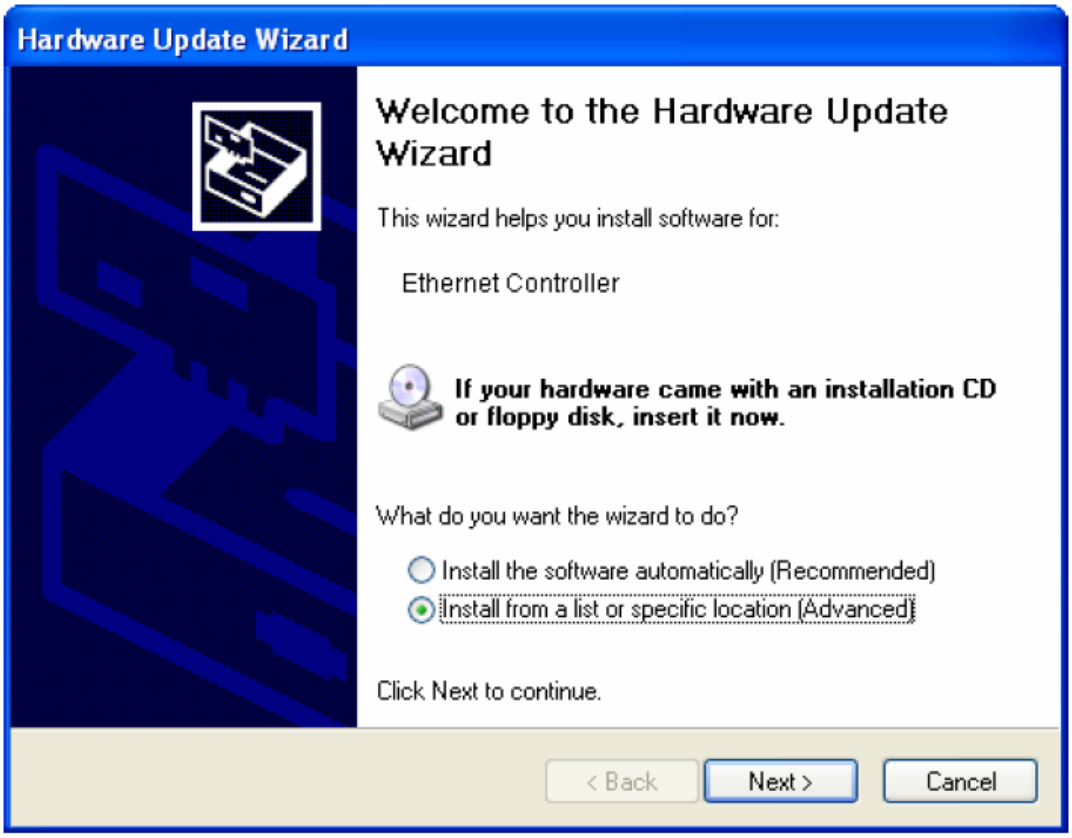
B. Right-click the icon "**My Computer"** on the desktop, and then click "**Manage"**.



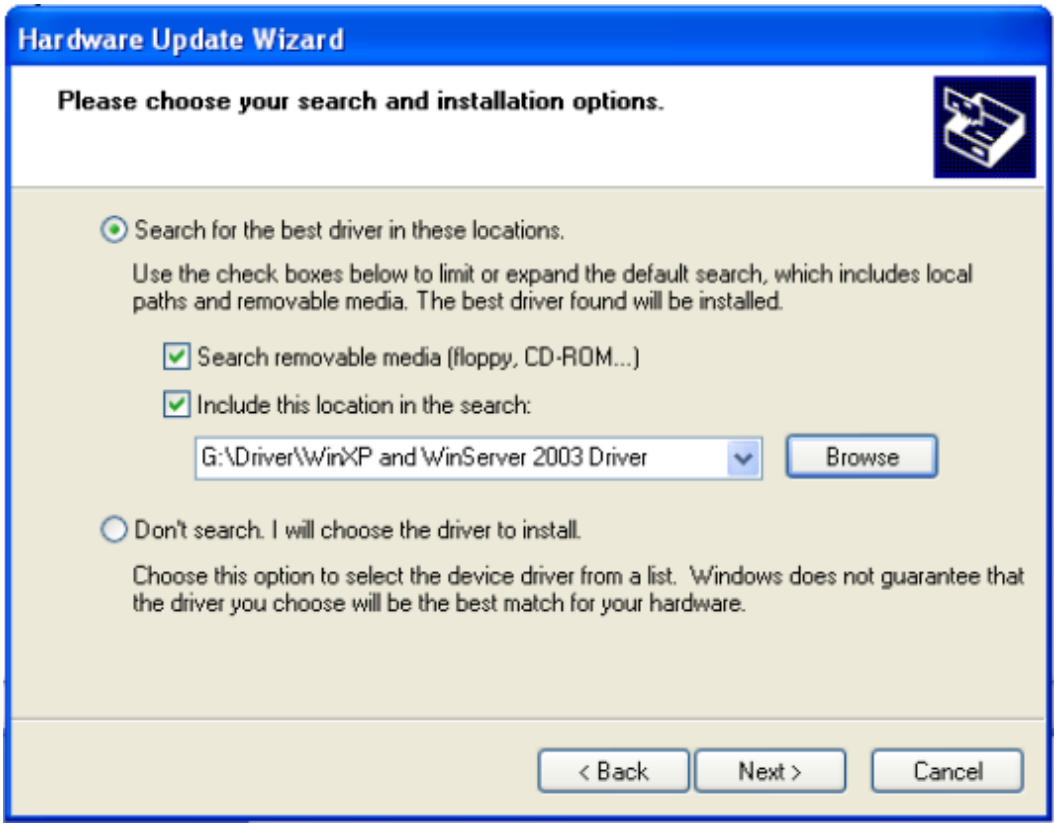
C. The “**Computer Management”** screen will appear as shown. Click “**Device Manager”**, and you will see various options on the right. Click “**Other devices”**, and then from the drop-down list please find **“Ethernet Controller”** you have installed. Right-click it, and then select “**Update Driver”**.



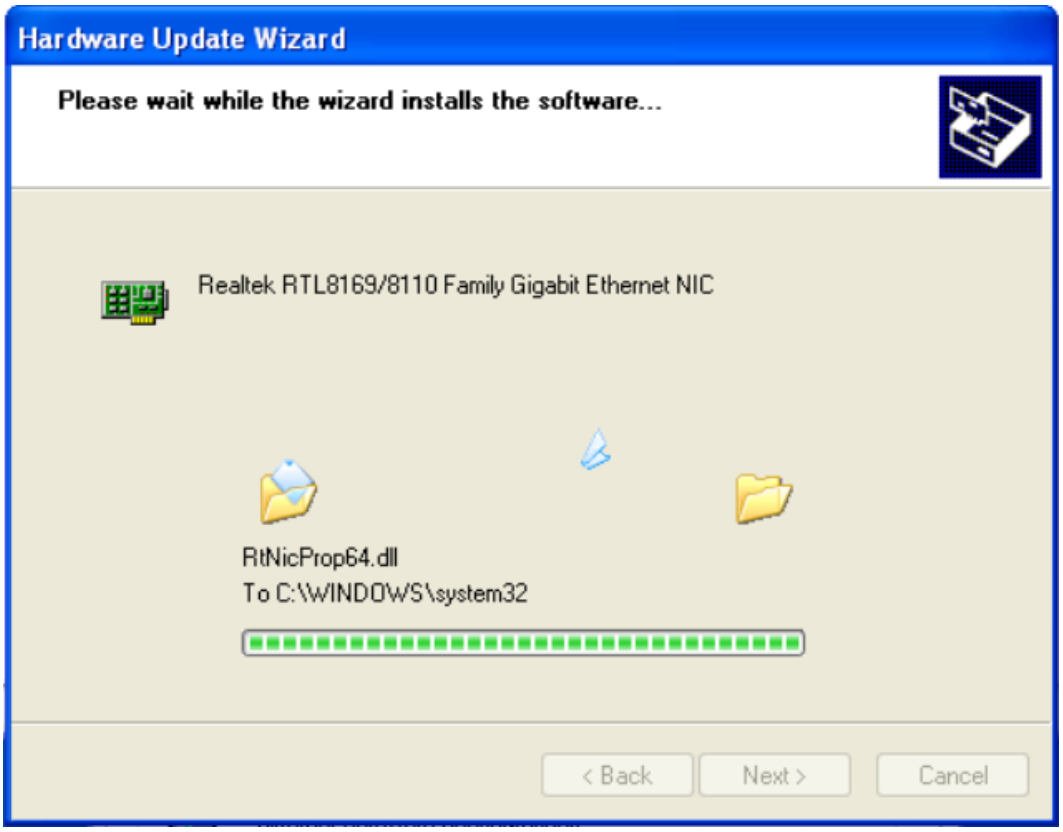
D. The “**Hardware Update Wizard”** window will show up. Select “**Install from a list or specific location [Advanced]”**, and then click “**Next”**.



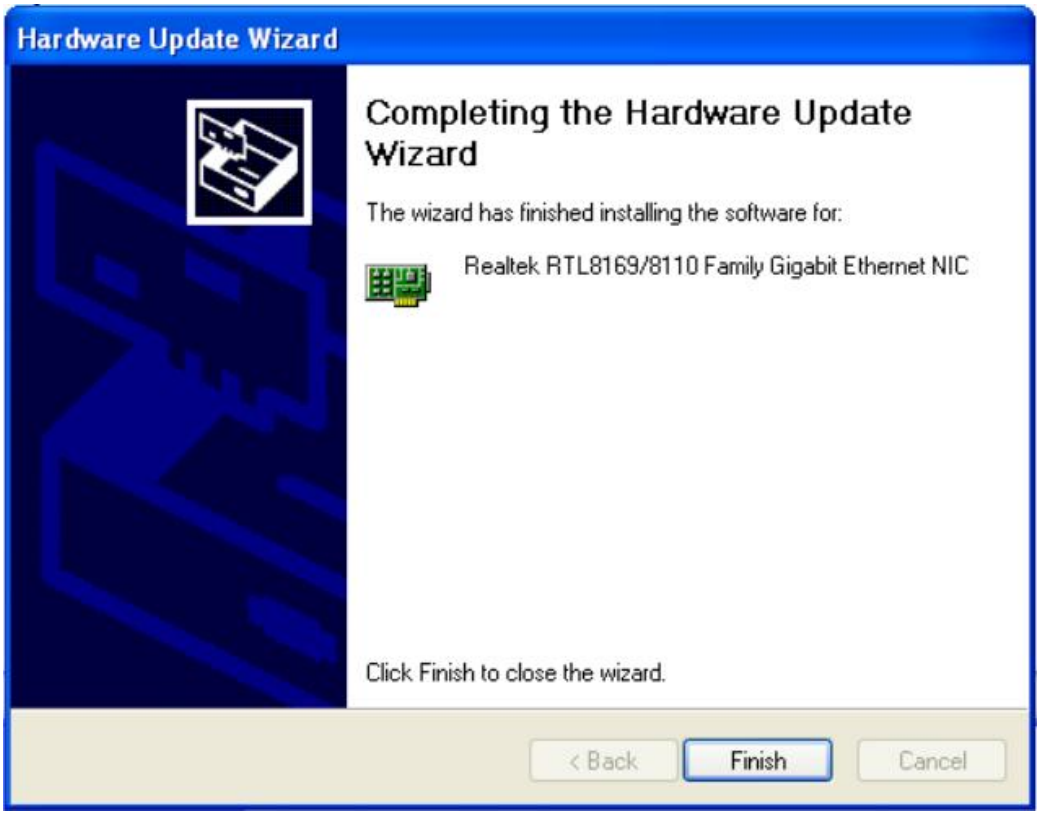
E. Select "**Search for the best driver in these locations"**, and then click "**Browse"** and choose the system driver location of the disk, and then click "**Next"**.



F. Wait a few seconds for the installation.



G. Click "**Finish"** to complete the installation.



H. Restart Windows to complete the installation.

2.2.3 Novell and Linux: CD Drivers

Novell and Linux

Novell and Linux users need to install the drivers manually. The drivers for Novell and Linux operating systems can be found in the CD at the following location:

- **/Drivers/Linux/**
- **/Drivers/Novell/**

Please follow the usual driver installation procedure for your operating system. Contact our technical support team, or the vendor of your operating system for further help.

Chapter 3: Troubleshooting

1. **What should I do if my PC cannot find the new hardware?**
   Check to see if the network adapter is inserted in the PCI slot properly. Otherwise, please reinsert the adapter.

2. **What should I do if my PC cannot identify the new hardware?**
   Check if you can find the network adapter you've installed in the following location:

   /My Computer/Manager/Device Manager/Network Adapter/..

   If not, please follow the instructions in **2.2 Driver Installation** to update the driver.

3. **Why am I only getting a network connection speed of 100Mbps instead of 1000Mbps?**
   Check your Ethernet cable, and make sure you are using CAT-5e or CAT-6 Ethernet cables. Some CAT-5 cables are not capable of running at 1000Mbps.

   Ensure that you are connected to a 1000Mbps switch.

   Contact your dealer if problems persist.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

FCC Caution

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
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.
Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

CE Mark Warning

This is a class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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