ENL832-TX-EN

10/100Mbps Fast Ethernet LAN Card

User's Guide

FCC COMPLIANCE STATEMENT

This ENL832-TX-EN has been tested and found to comply with the limits of a Class B computing devices, 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.

If you suspect this product is causing interference, turn your computer on and off while your radio or TV is showing interference. If the interference disappears then when you turn the computer off and reappears then you turn the computer on, something in the computer is causing interference.

Trouble-shooting

If you experience any problems with the adapter, first make sure the appropriate driver is loaded, the proper cable is connected to the adapter port and the hub complies with the adapter specification, such as 10Mbps 10Base-TX or 100Mbps 100BaseTX, then check the LED.

TRADEMARKS

Contents

1. Features & Specifications

1.1 Features & Benefits

* Supports 32-bit PCI Bus Master for high performance and low processor utilization.

* Complies to PCI 2.1 and PCI 2.2 specification

* Complies with the IEEE 802.3 CSMA/CD, 10/100Base-TX standard.

* Full duplex design to double the performance to 20Mbps/200Mbps.

* One STP connector for 100Mbps or 10Mbps network speed.

* Support Auto-negotiation function.

* Built-in FIFO buffers to eliminate external memory.

* Auto-setups IRQ and I/O address.

* Supports early interrupt on transmit to increase performance.

* Supports Novell NetWare, Windows NT/98/ME/2000/XP/Vista and other popular operating systems

* Provides diagnostic software

* Wake on LAN (If adapter supports WOL function).

* Topology : Star

* Connect to : RJ-45

1.2 Standard & Specification

* Standard: IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX

* Transmission Rate: 10Mbps or 100Mbps

* Hardware Required: IBM compatible PC with available PCI slot (PCI 2.1 or PCI 2.2)

* IRQ Line: Assigned by system

* I/O Address : Assigned by system

* Temperature : 0 to 55 C (Operating)

* Humidity : 10% to 90% (Non-condensing)

* Power consumption : 1.8W (Max.)

* Support OS: Novell NetWare, Windows NT/98/ME/2000/XP and other popular operating systems

2. Hardware Installation

1. Turn off the computer and remove its cover.
2. Insert the adapter into a PCI slot.
3. Secure this adapter to the rear of the computer chassis and put back the computer cover.
4. Connect the adapter to the network using twisted-pair cable.
5. Connect the NIC and the PC mother board with WOL cable. (If adapter supports WOL function)
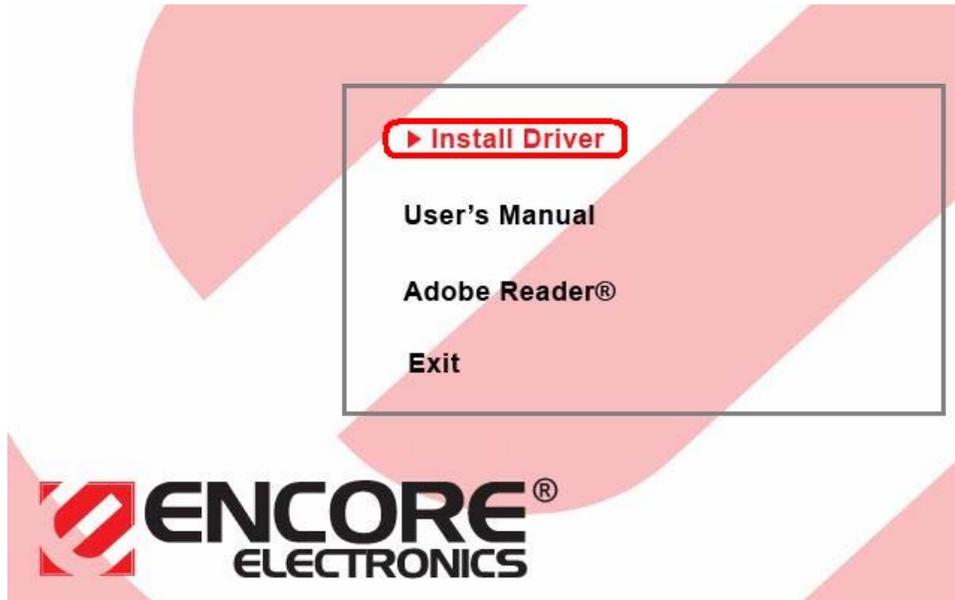

3. Software Installation

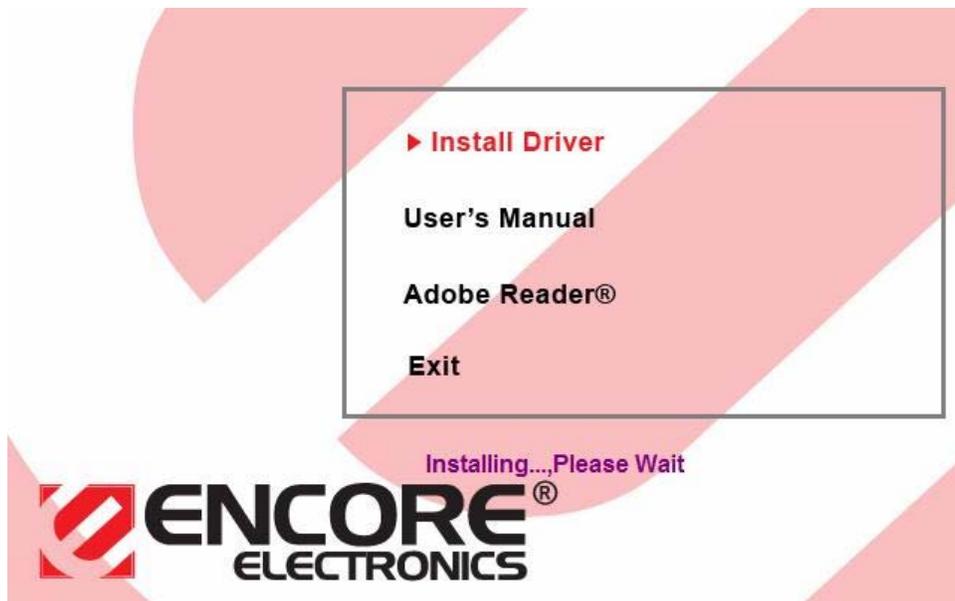### 3.1 For Windows Vista, XP, and 2000

Step 1: When Windows boots up, operating system will detect the LAN card and **Found New Hardware Wizard** windows will appear.   Click **Cancel**.

Step 2: Insert the Driver Installation CD into CD-ROM drive, window below will appear then click **Install Driver**:

▶ Install Driver

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Exit

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Step 3: Please wait while during the wizard is installing driver.

▶ Install Driver

User's Manual

Adobe Reader®

Exit

Installing...,Please Wait

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Step 4: After driver has successfully installed, below message prompts. Click "**OK**" to close.
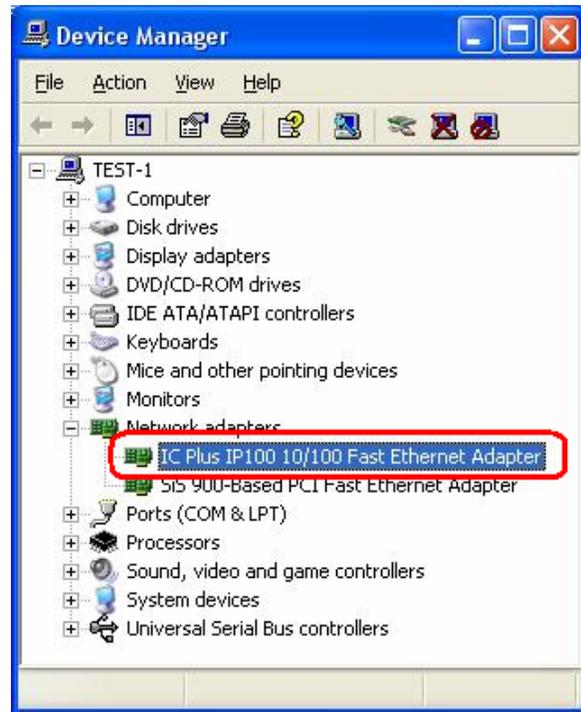

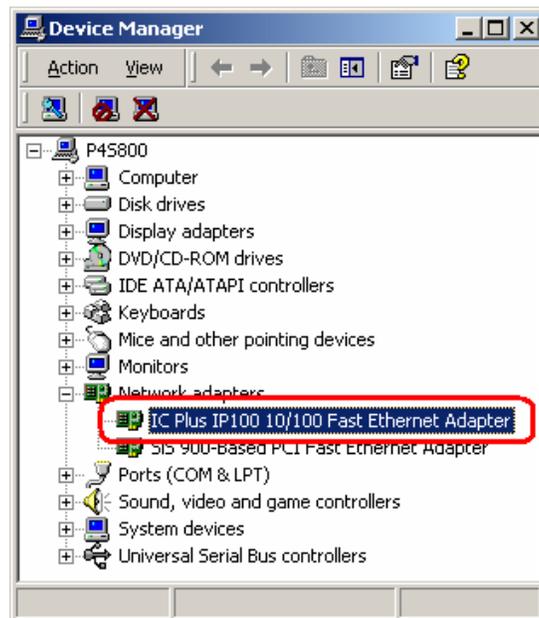***Step 5***: Click "**Exit**" button to close the Setup program.

Step 6: To check if the driver is installed properly: Right-click "**My Computer**" from desktop ➜ Choose "**Properties**" ➜ Select "**Device Manager**"
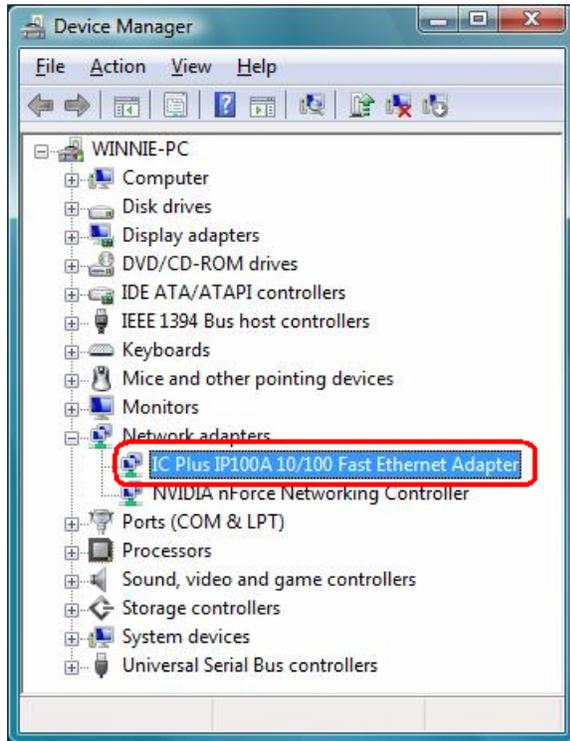
(For Window Vista)

(For Windows XP)

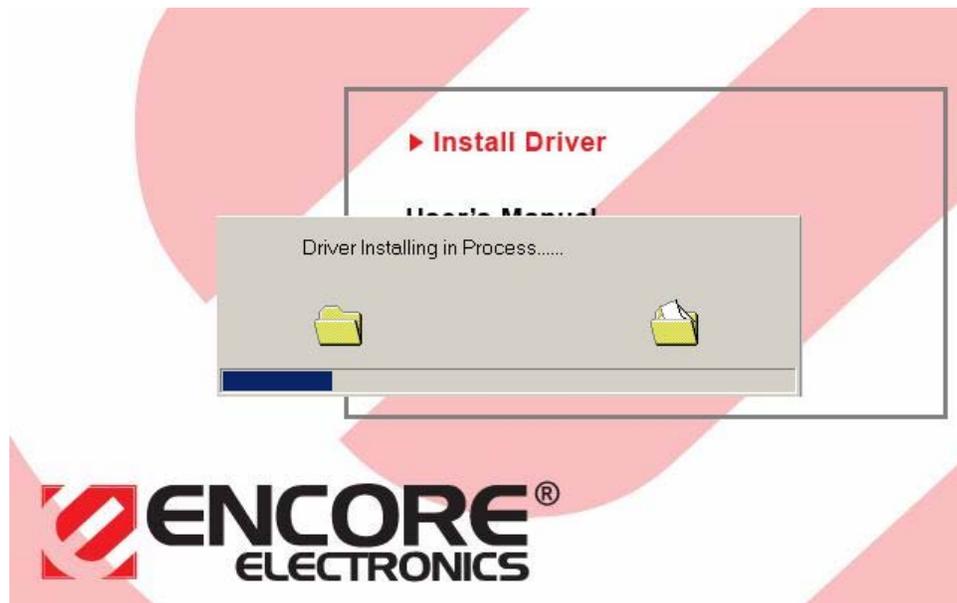
(For Windows 2000)

3.2 For Windows ME

Step 1: When Windows boots up, operating system will detect the LAN card and **Add New Hardware Wizard** window will appear.   Click **Cancel**.

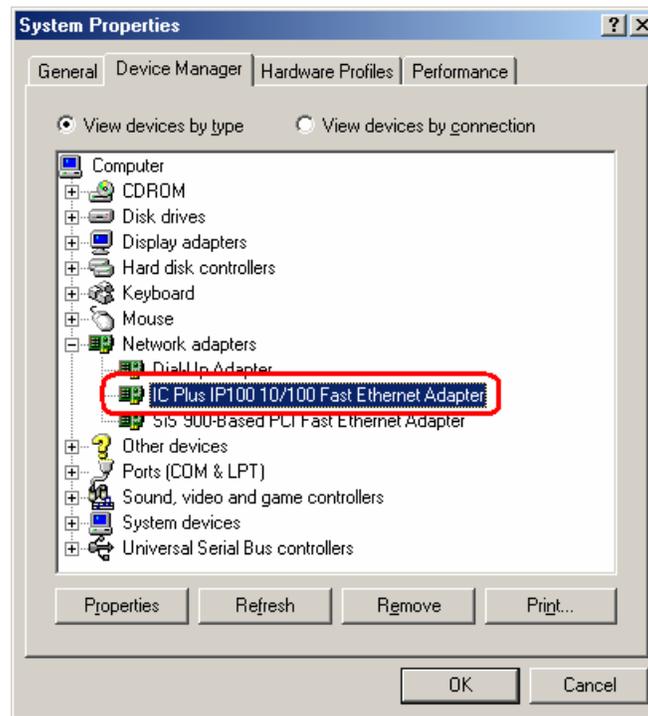*Step 2:* Insert the Driver Installation CD into CD-ROM drive, window below will appear then click **Install Driver**:

Step 3: Please wait while during the wizard is installing driver.

▶ **Install Driver**

Driver Installing in Process......

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Step 4: When operating system finishes loading device driver, window below will appear then click
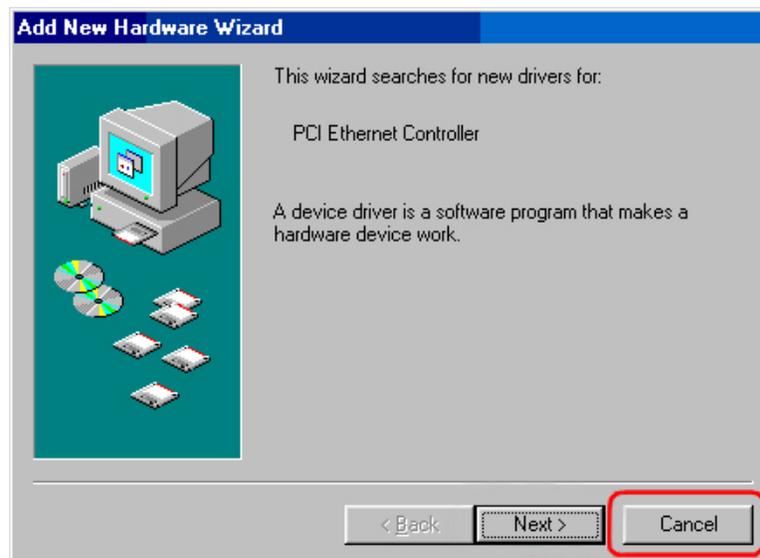**OK** to complete the installation.

Information

ⓘ Driver Install completely !!

OK

Step 5: To check if the driver is installed properly: Right-click "**My Computer**" from desktop ➔ Choose "**Properties**" ➔ Select "**Device Manager**"


3.3 For Windows 98SE

Step 1: When Windows boots up, operating system will detect LAN card and **Add New Hardware Wizard** window will appear.   Click **Cancel**:
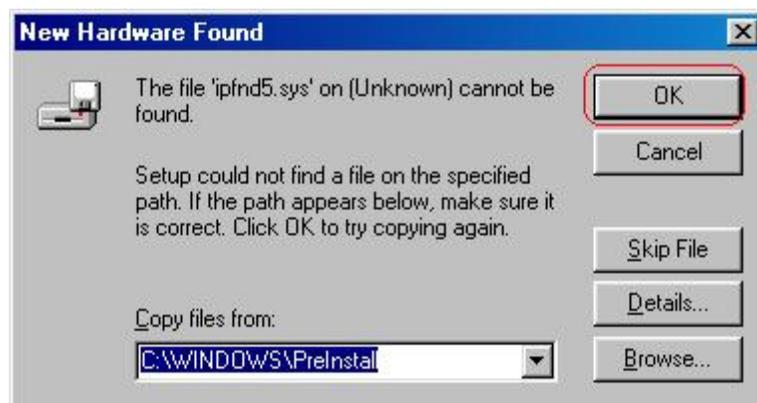
Step 2: Insert the Driver Installation CD into CD-ROM drive, window below will appear then click
Install Driver:

Step 3: After OS finishes loading device driver, window below will appear then click **OK** to restart the system.
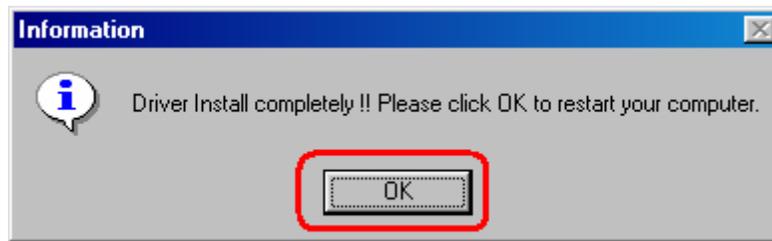
Step 4: When system boots up, window below will appear.   Click **OK** to continue:

Step 5: Click **OK** to continue.

Step 6: When operating system finishes loading LAN card files, window below will appear.   Click **OK** to reboot the system, when your system boots up again, you are ready to use the LAN card.