

User's Manual
UE-9500
USB to 10/100M Ethernet Adapter

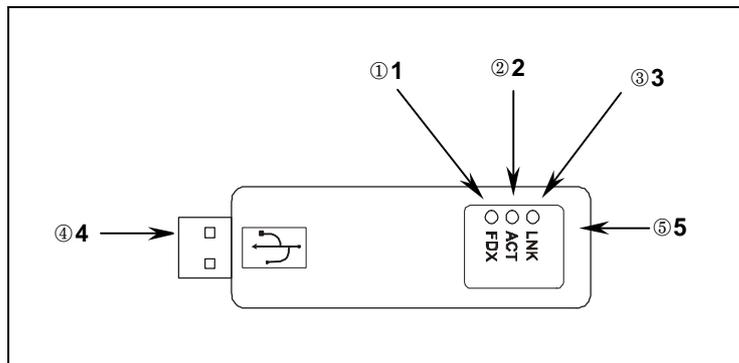


Figure 1: Top View

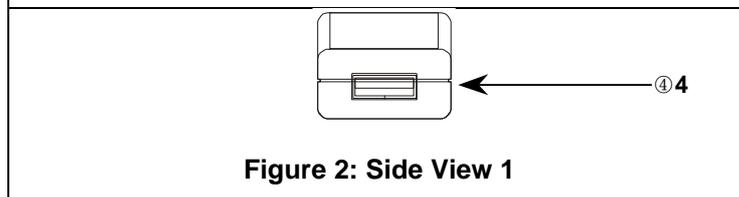


Figure 2: Side View 1

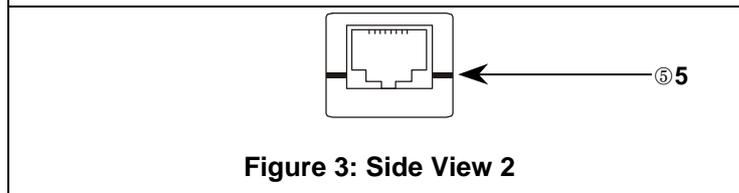


Figure 3: Side View 2

Adapter Features: (See figure1, figure2 and figure3)

①	LNK	On Green	Indicates the RJ-45 port is running at Full duplex mode.
		Off	Indicates the RJ-45 port is running at half duplex mode.
②	ACT	On Green	Indicates a valid network connection on the RJ-45 port.
		Flashing Green	Indicates data is being received or transmitted through the RJ-45 port.
③	FDX	On Green	Indicates the RJ-45 port connection is operating at 100Mbps (100BASE-TX).
		Off	Indicates the RJ-45 port connection is operating at 10Mbps (10BASE-T).
④	USB Port	Universal Serial Bus (USB) Type-A port.	
⑤	RJ-45 Port	RJ-45 Port with LED Interface.	

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“Quick Install Guide”

USB to 10/100M Ethernet Adapter

🔊 Introduction

- ◆ USB to 10/100M Ethernet Adapter offers a convenient and cost-effective means of bringing straight - forward peripheral connectivity to desktop based on the Universal Serial Bus (USB). It features true plug-and-play connection of PC or notebook peripherals “outside the box”, and mark a significant advance in desktop cable management.
- ◆ The Adapter has a USB Type-A connector on one side and a RJ-45 Ethernet connector on the other side. This USB device allows you to connect a 10BASE-T or 100BASE-TX LAN using your computer's USB interface.
- ◆ Provide access to any Ethernet or Fast Ethernet network through your computer's USB port.
- ◆ Hot-swappable – can be connected and disconnected from your PC or notebook without turning the power off or rebooting.
- ◆ Derives power from the host bus – external power supply not required.
- ◆ Easy installation with automatic device recognition and resource management.

🔊 Package Contents

- ◆ 1 USB to 10/100M Ethernet Adapter
- ◆ 1 Cable Extender
- ◆ 1 Quick Install Guide
- ◆ 1 Driver Diskette

Power Requirements

- ◆ The Adapter is bus-powered — all you need to do is plug it into a PC or notebook.

System Requirements

The Adapter requires the following PC or notebook features to operate:

- ◆ A host PC or notebook that supports the Universal Serial Bus
- ◆ 16MB RAM
- ◆ Windows 98, Windows ME or Windows 2000

*** Note:**

1. Some versions of Windows 95 version B (OSR2) support USB port. This Windows version and USB support may not work properly with this driver. It is designed specifically and tested for Windows 98/ ME /2000 only.
2. Also, the device requires that a USB port is installed and enabled on your PC. Some PCs have a USB port, but it is disabled. Usually there is a toggle switch on the motherboard that will enable a PC's USB port. Consult your computer's user guide. Some motherboards have USB interfaces, but no ports. You should be able to install your own USB port and attach it to your PC's motherboard using hardware purchased at any computer store.

Installation Requirements

100Base-TX has a different cabling requirement from 10Base-T. 100Base-TX requires data-grade (Category 5) UTP cable.

How to Install Hardware

To connect the Adapter to the local network, follow these steps:

A. If there is enough room for the network adapter connection:

The Adapter can be plugged into workstation directly to USB interface. See Figure A.

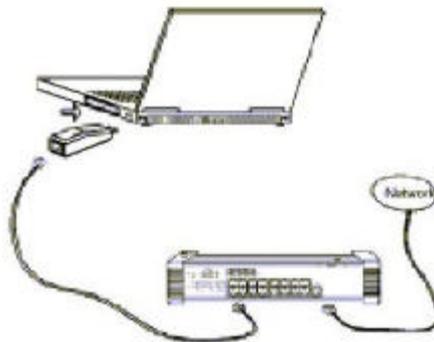


Figure A: Connect Directly to Your Workstation

1. Prepare an MDI (straight-connect) twisted-pair cable, maximum length 100 meters (328 feet). Use Category 3, 4 or 5 cable for connection to 10 Mbps Ethernet, or Category 5 cable for connection to 100 Mbps Fast Ethernet.
2. Connect one end of the cable to the RJ-45 port on the Adapter, and the other end to any available station port on a network hub or switch.
3. Check the Adapter has a proper connection by observing the RJ-45 port LEDs. If the Link indicator fails to light when you connect to a network hub or switch, see “troubleshooting”.

B. If there is limited room for your network connection:

You may need the cable extender to connect the adapter with your workstation if the space is limited (e.g., the USB interface is too low to the back table), see Figure B.

One end of the cable extender is male (Side A, see figure C), the other end is female (Side B, see figure C).

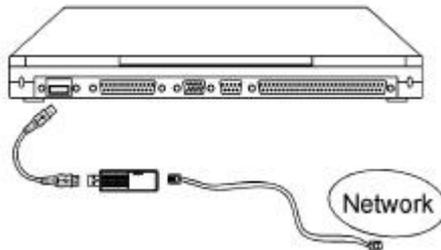


Figure B: Connect with Cable Extender

1. Connect Side B of the cable extender to USB interface of your PC or notebook, and Side A to the adapter
2. Prepare an MDI (straight-connect) twisted-pair cable, maximum length 100 meters (328 feet). Use Category 3, 4 or 5 cable for connection to 10 Mbps Ethernet, or Category 5 cable for connection to 100 Mbps Fast Ethernet.
3. Connect one end of the cable to the RJ-45 port on the Adapter, and the other end to a free port on a network hub or switch.
4. Check that Adapter has a proper connection by observing the RJ-45 port LEDs. If the Link indicator fails to light when you connect to a network hub or switch, see "troubleshooting".

*** Note:**

1. Please use the cable extender provided with the adapter, and the cable extender is designed for the adapter, please do not use it for other devices.
2. Refer to Figure C for the profile of the adapter cable extender.

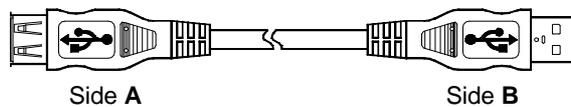


Figure C: Cable Extender

🔔 Installing the Driver

The driver diskette that comes with the package contains all the software drivers support for the Adapter. Please view the README.TXT file on the driver diskette for the latest product related information.

Installation on Windows 98 and Windows ME

1. Connect the Adapter explained in “How to Install Hardware”.
2. If your PC or notebook is up and running, windows will automatically detect the Adapter. Otherwise power up your PC or notebook.
3. The New Hardware Wizard displays.



4. When prompted for the installation medium, click Floppy Disk Driver and insert the software driver diskette.



5. Follow displayed instructions, it will automatically install the driver

6. You will observe several loading status windows.



7. When prompted to restart the PC or notebook after finished driver installation, remove the driver diskette and click Yes.

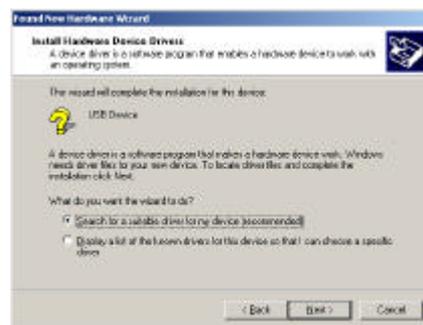


Installation on Windows 2000

1. Connect the Adapter explained in "How to Install Hardware".
2. If your PC or notebook is up and running, windows will automatically detect the Adapter. Otherwise power up your PC or notebook.
3. The New Hardware Wizard displays.



4. When prompted for the installation medium, click Floppy Disk Driver and insert the software driver diskette.



5. Follow displayed instructions.



6. You will observe several loading status windows, it will automatically install the driver.



7. Remove the driver diskette and restart your PC or notebook.

Troubleshooting

Check the following troubleshooting points before contacting Technical Support.

The "Add New Hardware" Wizard does not Appear

- ◆ If the "Add New Hardware" Wizard does not appear when you plug in the adapter, go to "Device Manager" to check whether "Universal Serial Bus controllers" exists. You can do this to go to "Device Manager".
- ◆ Right click on the "My Computer" icon on your desktop, then select "Properties" or Double click on the "System" icon in Control Panel. Select the "Device Manager" tab. Select and expand "Universal Serial Bus controllers". For example, you will see Universal Serial Bus controllers Intel 82371AB/EB PCI to USB Universal Host Controller USB Root Hub.
- ◆ Make sure that there is no red "X" sign or "!" mark on them. Thus, USB is correctly installed.

You Cannot Connect to the Network

- ◆ Uninstall the software driver and disconnect the Adapter. Then reinstall the adapter according to the installation instructions in this manual.

The Link LED Does Not Light

- ◆ Check that the network hub or switch is powered on.
- ◆ Be sure the network cable is properly connected to both devices.
- ◆ Verify that Category 5 cable is used for 100Mbps connections and that the length of the cable does not exceed 100m (328 feet).
- ◆ Check the network cable and connections for defects. Replace the defective cable if necessary.

EM-UE95V3



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