USB 10/100M FAST ETHERNET

Quick Installation Guide

M73-APO08-430

REGULATORY STATEMENTS

FCC Certification

Part15, Class B

The United States Federal Communication Commission (FCC) and the Canadian Department of Communications have established certain rules governing the use of electronic equipment.

FCC Part 15 Registration

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interface, and
- 2 This device must accept any interface received, including interface that may cause undesired operation. 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 off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - + Reorient or relocate the receiving antenna.
 - + Increase the distance between the equipment and receiver.
 - + Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

INTRODUCTIONS

The USB 10/100M Fast Ethernet Adapter provides out-off-box plug-and-play local area network connections for USB-enabled PCs, notebooks and laptops. This adapter uses a A type USB port to connect with the USB host, and an RJ-45 port to connect with a 10/100 Fast Ethernet LAN link. Installation is easy and no external power is required! The network sharing is easier than ever.

Specifications

Network standard

- ∉ IEEE 802.3 for 10BaseT
- IEEE 802.3u for 100BaseTX

Data Rate

- # 10/100 Mbps¹
- Be Double data transfer rate in full duplex mode

Supported operating systems

See Windows 98/2000/ME/XP

Physical

- Me Ports: 1 RJ-45, 1 USB A-Plug
- LED indicators: Link/Act, 10/100
- Z Dimensions: 75.9 x 37.8 x 21.66 (mm) (LxWxH)

¹ CAT5 cable is required for 100M data transfer rate

Parts Names and Functions

✓ USB Connection Cable: connects the USB host port to the USB 10/100M Fast Ethernet Adapter.



🗷 USB Fast Ethernet Adapter

- ∠ 10/100 LED indicator: glows amber when 100M Network is linked; when it dims, it means the 10M Network is linked.
- Link/Act LED indicator: glows green when it is linked; blinks green when the Fast Ethernet Adapter is transmitting/receiving data.
- *K* ≤ **Network Port**: connects the Fast Ethernet Adapter to the HUB with the LAN cable.

INSTALLATION

Precaution

Before the installation, make sure the USB port exists in your computer and is enabled. To check this, go to **My Computer & Control Panel & System**. Open the Device Manager tab. If the **Universal Serial Bus controller** device is found, it means your USB port is installed and enabled. If not, either no USB port is installed or the USB bios is not properly enabled. In this case, consult your computer dealer for USB support.



Getting Hooked Up

1. Locate the USB host port of your system. Align the USB connector toward the USB host port, push evenly and steadily until it is seated.

- 2. Connect the UTP cable to the Fast Ethernet Adapter.
- 3. Connect the other end to a Hub.

SOFTWARE INSTALLATION

Installation for Windows 98

1. Once the device is properly connected to your computer, Windows 98 will automatically detect the new hardware device. Perform the following procedures for installing the device driver.





 Insert the device driver disk into your floppy drive. When the above figure appears, click Next.

Add Now Hardware 😪	and
	Vendows will search for new drivers in its driver database on your hed drive, and in any of the kilowing velocited location. Old: Next to staf the search Dependent driver CD-ROM drive CD-ROM drive CD-
	Cancel New Cancel

3. The installation program will proceed automatically. Follow the on-screen instruction to finish.



 When Windows prompts you to restart your computer, click No to make some changes to your network settings.



5. Go to Start ≤ Settings ≤ Control Panel. Double-click Network.

Network
Configuration Identification Access Control
The following network components are installed:
Client for Microsoft Networks USB 10/100M Fast Ethernet IPX/SPX-compatible Protocol
TCP/IP
Add Remove Properties
Client for Nicrosoft Networks
Eile and Print Sharing
Description
0K Cancel

- When the Network dialog box appears, select USB 10/100M Fast Ethernet and click Add. Set the appropriate protocols and client for you needs. When completed, click OK.
- 7. Remember to restart your computer to activate the new device

Setup Diagnostics

To verify if the device exists in your computer and is enabled, go to Start ∠ Settings ∠ Control Panel ∠ System. Click the Device Manager tab. If the 10/100 USB Network Adapter is found, it means that your device is properly installed and enabled.

System Properties	×
General Device Manager Hardware Profiles Performance	
View devices by type View devices by connection	
Computer	
🗊 💭 Display adapters	
E - Floppy disk controllers	
E G Hard disk controllers	
H S Nonitors	
E S Mouse	
Network adapters	
Dial-Up Adapter	
E Ports (COM & LPT)	
System devices	
Properties Refresh Remove Print	
OK Correct	5

Installation for Windows 2000

 Once the device is well connected to your computer, Windows 2000 will automatically detect the new device. Click Next to proceed.



- 2. Select Search for a suitable driver for my device (recommended) and click Next.
- Insert the new device driver to the disk drive. Select Floppy disk drives. Click Next.
- Click Next. Windows will copy all the necessary files to your system.

Driver Files	erdware Whard	205
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5. Click Yes to continue.



6. Click **Finish** to complete the software installation.



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8. When the Network dialog box appears, select **USB 10/100 Network Adapter** and click **Install**. Set the appropriate protocols and client for you needs. When completed, click **OK**.

9. Remember to restart your computer to activate the new device.

Setup Diagnostics

To verify if the device exists in your computer and is enabled, go to **Start** $\not \simeq$ **Settings** $\not \simeq$ **Control Panel** $\not \simeq$ **System** $\not \simeq$ **Hardware.** Click the **Device Manager** tab. If the **USB 10/100 Network Adapter** is found, it means that your device is properly installed and enabled.



Installation for Windows ME

- 1. Once the device is well connected to your computer, Windows ME will automatically detect the new device. Select **Specify the location of the driver (Advanced)** and click **Next**.
- Insert the device driver disk into the floppy disk drive on your system. Select Removable Media (Floppy, CD-ROM...) and click Next to continue.



3. Click **Next** to continue.



4. Click **Next**. Windows will copy all the necessary files to your system.



5. Click **Finish** to complete the software installation.



- 6. When asked if you want to restart your computer, click **No** to continue the Network configuration.
- 7. Go to Start ∠ Settings ∠ Control Panel. Double-click Network.

Network		2 ×
Confige secon Edward Scale on	Access Costal	
The following perivork cost	oponents wee install e	d
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8. When the Network dialog box appears, select **USB 10/100 Network Adapter** and

click **Add**. Set the appropriate protocols and client for you needs. When completed, click **OK**.

9. Remember to restart your computer to activate the new device.

Setup Diagnostics

To verify if the device exists in your computer and is enabled, go to **Start** $\not \leq$ **Settings** $\not \leq$ **Control Panel** $\not <$ **System.** Click the **Device Manager** tab. If the **USB 10/100 Network Adapter** is found, it means that your device is properly installed and enabled.



Installation for Windows XP

 Once the device is well connected, Windows will detect the new device and prompt you to insert the network device driver. Click Install from a list or specific location... and click next.



2.

Insert the device **Driver Disk** into the floppy disk drive of your system. Select **Search removable media** (floppy, CD-ROM...) and click Next.



3. Click **Next** to continue.

nd New Hardware Wizard			202-
Please solect the best match for y	iow hard	ware from the	fut below.
USE 11/10D Network Add	64 11		
Desception	Veteon	Marufacture	Location
USB 1E/100 Network Adapter	171.00	U98)	a Nab 100 ivi
USS 16/100 Network Adapter	1.31.0.0	11581	a 'włop'uzb100. inf
This driver is not digitally Tel se why driver spring is in	signed totat		
		< Back	Het > Cancel

4. Windows will start searching for the appropriate driver for the installation. When the screen appears as below, click **Continue Anyway** to proceed.

Hardwa	re Installation
A	The solwnere you are installing for this hardware: USB 10/100 Network Adapter has not passed Windows Logotenting to verify its compatibility with Windows XP. (Tell me why the best in a simple for a continuing your installation of this collware may impair or destabilize the courset operation of your system either immediately or in the future. Historical strongly resonantends that you stop this installation now and contact the hardware verified or software that has passed Windows Logo testing.
	Commune Anyway STOP Installation

- 5. Wait for seconds while Windows copies the appropriate driver to your system.
- 6. Click **Finish.** The software installation for this network device is now completed.



7.

Go to Start & Settings & Control Panel Network and Dial-up Connections. Double-click Local Area Connections.

🕹 Local Area Connection 2 Properties 🛛 🔹 💽 🔀
General Authentication Advanced
Connect using:
B USB 10/100 Network Adapter
This connection uses the following items:
Client/SetWate for Microsoft Networks Client for Microsoft Networks Client of Microsoft Networks Client of Microsoft Networks Dos Packet Scheduler Install Properties Description Enables this computer to log on to NetWare servers and access their resources.
Show icon in notification area when connected
OK Cancel

8. When the Network dialog box appears, select USB 10/100 Network Adapter and

click **Install**. Set the appropriate protocols and client for you needs. When completed, click **OK**.

9. Remember to restart your computer to activate the new device.

Setup Diagnostics

To verify if the device exists in your computer and is enabled, go to **Start** \leq **Control Panel** \leq **System**. Click the **Device Manager** tab. If the **USB 10/100 Network Adapter** is found, it means that your device is properly installed and enabled.

