

FCC Statement

This equipment can generate, use and radiate radio frequency energy and, if not installed and used in accordance with the instructions in this manual, may cause interference to radio communications. This equipment has been tested and found to comply with the limits for a Class B computing device pursuant to Part 2 of Part 15 of the FCC rules, which are designed to provide reasonable protection against radio interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user, at his own expense, will be required to take whatever measures are necessary to correct the interference.

CE Declaration of conformity:

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022/A1/A2 class B for and EN 50082-1 (EN 61000-4-2, EN61000-4-3, EN61000-4-4). This meets the essential protection requirements of the European Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

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FriendlyNET-Home USB to Ethernet Adapter

User's Manual

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Part Number: 06-00523-00 Rev. A



Introduction

Asante FriendlyNET-Home USB to Ethernet Adapter is designed to connect an USB-equipped desktop, notebook, or USB hub to an Ethernet network. It performs the same function as traditional Network Interface Cards without opening up the PC and installing the card. An USB-equipped PC can simply connect an Ethernet network with FriendlyNET-Home USB to Ethernet Adapter. Users can share files between computers, can use printers and Internet access, can send and receive e-mails, and can access CD-ROM/backup drive attached to others PCs, etc.

Hassle-Free Connection

USB (Universal Serial Bus) is a new type of connector to replace all the different kinds of serial and parallel port connectors with one standardized plug and port combination. It can reduce connection confusions when adding, removing, or swapping any devices to PCs. Just plug into the USB port of PC. No need to open up the PC, to install add-in cards, or to setup DIP switch and IRQs.

Hot-swapping

The FriendlyNET-Home USB to Ethernet Adapter features "hot-swapping" and doesn't need to shut down and restart your PC to attach, to add, or to remove a peripheral. Just plug it in easily and go! The PC automatically detects the peripheral and configures the necessary software. Users of multi-player games, business and notebook PC users who want to share peripherals will benefit most.

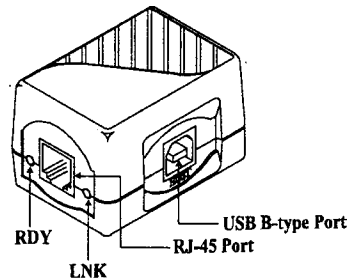
Easy Installation

The FriendlyNET-Home USB to Ethernet Adapter is easy to install and is compatible with Windows 98 network operation system. Diagnostic LEDs can indicate the network and traffic status for simple troubleshooting.

Key Features

- Easy to connect USB-equipped desktop PCs or notebook to an Ethernet network.
- Simple to install without opening up your PC.
- No hassle with I/O address or IRQ settings.
- Hot swapping.
- Compatible with Windows 98.
- Two diagnostic LEDs to indicate USB and network status.
- No external power adapter required and bus-power driven from the Universal Serial Bus host controller.
- Portable design and pocket size.

Hardware/LEDs



LED indicators

The LED indicators include Link and Ready.

LNK: The LED is on when there is an active Ethernet connection.

RDY: The LED is on means that the host is connected and ready.

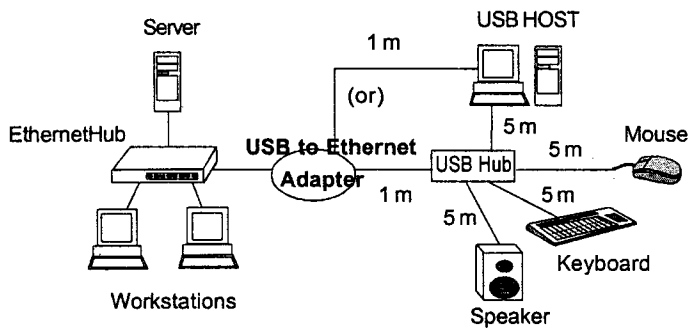
Connectors

It consists of 1 RJ-45 and 1 USB B-type ports.

RJ-45 Port: This port is used for connection to an Ethernet 10BASE-T network.

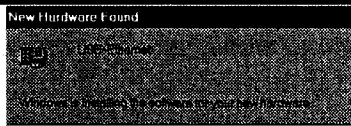
USB B-type Port: This port is used to connect the USB to Ethernet Adapter with USB-equipped desktop PC / Notebook, or with USB hub which support self power, and current is 500mA each USB port.

Application



Installation

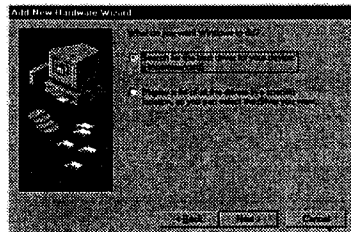
Step 1.
Plug the FriendlyNET-Home USB to Ethernet Adapter into USB connector of PC, Windows 98 prompts "New Hardware Found" window.



Step 2.
This "Add New Hardware Wizard" window means that Windows 98 will attempt to search a suitable driver for the FriendlyNET-Home USB to Ethernet Adapter.

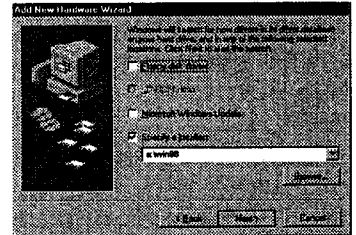


Step 3.
Windows 98 prompts you to decide the way of driver installation. Choose "Search for the best driver for your device" and then click "Next" button.

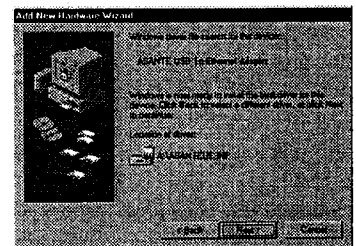


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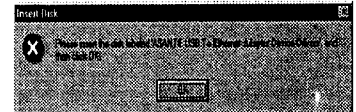
Step 4.
Insert driver diskette to floppy A:, and choose "Specify a location", and type in "a:\Win98".



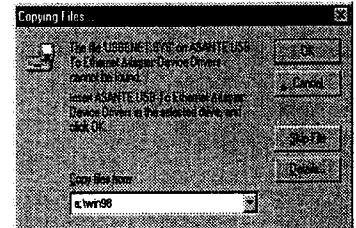
Step 5.
Windows 98 finds the driver of the FriendlyNET-Home USB to Ethernet Converter, then click "Next".



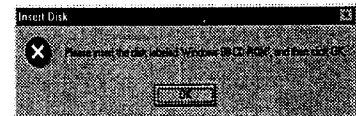
Step 6.
Windows 98 prompts you to insert diskette again, just click "OK".



Step 7.
Windows 98 prompts you to locate the device driver "USBENET.SYS". Please type in "a:\Win98" and make sure that your driver diskette is in Floppy A:, then click "OK".



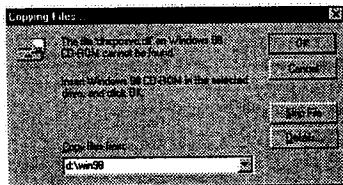
Step 8.
If you do not have Windows 98 CD-ROM in your CD-ROM drive, Windows 98 will prompt you to insert "Windows 98 CD-ROM", and then click OK.



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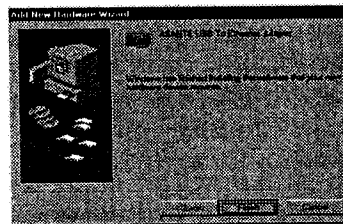
Step 9.

Please specify your CD-ROM path if Windows 98 cannot find it automatically.



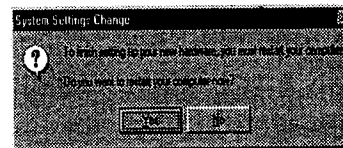
Step 10.

Windows 98 finishes installing the software for the FriendlyNET-Home USB to Ethernet Adapter, click "Finish".



Step 11.

Windows 98 prompts you to restart your computer, click "Yes" to finish driver installation.



Package Contents

- One FriendlyNET-Home USB to Ethernet Adapter
- One A-B Cable (1 meter)
- One driver diskette
- One User's Manual

Note:

1. When the FriendlyNET-Home USB to Ethernet Adapter is connected to the host or other devices, please do not unplug before the host finishes detecting. Otherwise the system will shut down and reboot.

2. When you unplug USB port from USB host, you can plug USB port to host only after system is ready. You can type keyboard to check system is ready or not. Sometimes you must wait up to 60 seconds for system ready.

3. For hot-swappable, please do the following steps after disconnection.
- (A) Unplug USB port and RJ45 port of FriendlyNET-Home USB to Ethernet Adapter
 - (B) Connect USB port first.
 - (C) Wait until Ready LED is On.
 - (D) Connect RJ45 port again.

4. If ,because of warm-boot of host, system loses FriendlyNET-Home USB to Ethernet Adapter, you can connect it again through hard-boot. But, please wait 30 seconds between power-off and power-on again.

Technical Specification

- Standard: IEEE 802.3 10BASE-T and USB Ver. 1.0/1.1
- Data Transfer Rate: 10Mbps
- Memory Size: 32Kbyte
- Media Support: 1 RJ-45 and 1 USB B-type ports
- LED Display: Link, and Ready
- Power: Bus power from USB host controller
- Dimension: 5.4 x 3.75 x 3.3 cm (DxWxH)
- Net Weight: 47.5g
- Temperature: 0°C~40°C (Operating); -20°C~70°C (Storage)
- Humidity: 10~90%
- Certification: FCC, CE Mark