FriendlyNET™
Plug-and-Play Networking Solutions

SWITCHES

HUBS

ADAPTER CARDS

CONNECTIVITY

Quick Installation Guide

10BaseT Ethernet Hubs

ASANTÉ
Making Networking Simple

Introduction

Thank you for purchasing an Asanté FriendlyNET Ethernet hub. This hub is designed to be the most affordable way to start or expand your small business or home office network.

- Compatible with all industry-standard 10BaseT network adapters, switches, hubs and routers
- Easiest to install—connect power, network cables and be running in three minutes (or less)
- Quickly monitor your network with multi-colored LED indicators
- Free telephone technical support when used with Mac OS, Linux, Windows 95/98/NT and Windows 2000 Professional/Server

This product is available in two configurations:

- FriendlyNET 5-port 10 Mbps Ethernet hub (FH10T5G)
- FriendlyNET 8-port 10 Mbps Ethernet hub (FH10T8G)

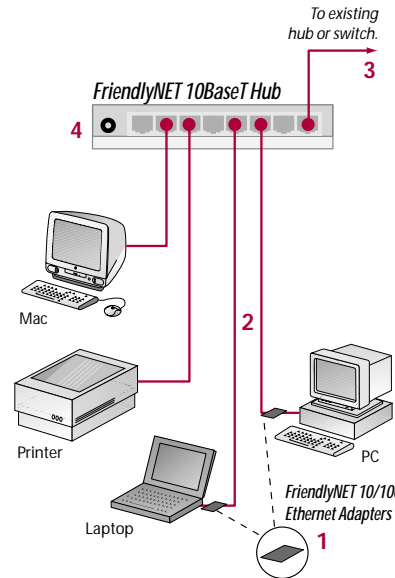## Packing List

Your package contains the following items:

- (1) FriendlyNET Ethernet hub
- (1) Quick Installation Guide (this document)
- (1) External power module

System Requirements

- Compatible with Apple Mac OS, Linux, Microsoft Windows 95/98/NT and Windows 2000 Professional/Server.
- Requires a 10BaseT Ethernet adapter for each workstation, server or printer. Also interoperates with 10/100 Ethernet adapters in 10 Mbps, half duplex mode.
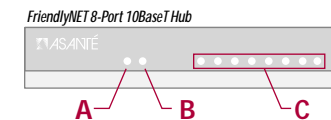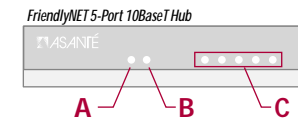
Installation

Here's how to install this network hub:

To existing hub or switch.

FriendlyNET 10BaseT Hub

Mac

Printer

Laptop

PC

FriendlyNET 10/100 Ethernet Adapters

1. Install Ethernet network adapters into your computers.
2. Connect 10BaseT network cables from your network adapters to this hub.
3. (Optional) Connect a 10BaseT network cable from port 1 on this hub to any port on another hub, switch or router. Set the switch on this hub from Normal to Uplink.
4. Plug the power cord into this hub and plug the external power module into an electrical outlet.
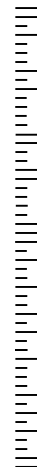
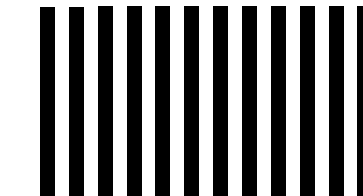In a few moments, you'll see the status of your network with these LED indicators:

FriendlyNET 5-Port 10BaseT Hub

A   B   C

FriendlyNET 8-Port 10BaseT Hub

A   B   C

A. Power: Green LED on when power is ON.

B. Collision: Amber LED flashes when there is network traffic. This LED stays on during heavy network loads. If this indicator frequently stays on, you may need to upgrade to a faster Asanté hub or switch.

C. Link/Activity: Green LED is on when there is a valid network link to the network adapter. It flashes during network activity (transmit or receive).

Name

Title

Company

Address 1

Address 2

City

State

Zip/Postal

Country

Phone

Fax

Email

Date of purchase

Asanté Part Number

Product Serial Number

1) What is your organization's primary business?
☐ Advertising Agency/Public Relations
☐ CAD/CAM
☐ Graphic Arts Services
☐ Multimedia/Video
☐ Sales
☐ Finance
☐ College/University
☐ Higher Education
☐ K-12
☐ Manufacturing
☐ Medical/Dental
☐ Printers
☐ Prepress
☐ Publishing
☐ Transportation
☐ Corporate/In-plant, Non-commercial In-house Graphic Services
☐ Other
_____

2) My primary job function is (Check only one):
☐ Business Management (President, Owner, VP, etc.)
☐ Communications/Publishing Management
☐ Educational Management
☐ Management Information Systems (MIS)
☐ Graphic Arts/Design Management
☐ Production Management
☐ Department Supervision/Management

3) What is your influence on purchasing decisions?
☐ Authority to evaluate and purchase
☐ Evaluate and recommend

4) Have you previously purchased an Asanté product?
☐ Yes
☐ No
   If yes, which product?
☐ Adapters
☐ Hubs
☐ Switches
☐ Software
☐ Other products
_____

5) Where did you purchase the product?
☐ Reseller
☐ Direct from Asanté
☐ Distributor
☐ Mail Order
☐ Web
☐ Other
_____

6) Types of workstation operating systems:
☐ Mac OS
☐ Windows 95/98
☐ Windows® NT/2000
☐ Linux
☐ UNIX
☐ MS DOS
☐ Solaris
☐ Other
_____

7) Number of nodes on your network:
☐ 2-10
☐ 10-50
☐ 50-100
☐ 100-500
☐ 500+

8) Type of network:
☐ LocalTalk
☐ Ethernet
☐ Fast Ethernet
☐ Gigabit Ethernet
☐ FDDI
☐ ATM

9) Type of network operating systems:
☐ Novell NetWare
☐ Microsoft NT/2000
☐ AppleTalk/MacLAN Connect
☐ AppleShare
☐ UNIX/Linux

10) Types of network management software:
☐ IntraSpection
☐ AsantéView
☐ SunNet Manager
☐ IBM NetView
☐ Optivity
☐ HP OpenView
☐ Other
_____

Troubleshooting Tips

In the unlikely event your network is not operating properly, follow the troubleshooting tips below.

■ Check your power connection. Is the green Power LED on? If not, plug the power module into a different AC outlet.

■ Check your network cable. Is the green network Link LED on? If not, try connecting a "known good" 10BaseT Ethernet network cable between your hub and the adapter. You should see a Link LED on your hub and your network adapter.

   The maximum distance from any node (computer, printer, hub, switch, etc.) is 328 feet or 100 meters. Be sure your cable is not coiled, twisted or damaged. When connecting the hub to a computer, be sure your cable is wired for straight-through: pins 1, 2, 3 and 6 should be matched pin-for-pin on both ends. Note that pins 3 and 6 must use the same twisted pair: these are typically orange/white orange or green/white green.

■ Check your uplink switch. When connecting to another hub or switch, set the switch to uplink on only one hub/switch and use a standard, straight-through network cable. This hub may be connected to another 10/100 Mbps switch or hub: it may not be directly connected to a 100 Mbps hub or switch.

■ Check your computer's software. Check your operating system manual for instructions on configuring your network for file and print sharing.

Need more help?

Consult the Asanté website (www.asante.com) for additional troubleshooting tips and frequently asked questions (FAQ). You may also contact Asanté Technical Support during standard business hours (7am to 6pm MST, Monday-Friday).

Email: support@asante.com

Phone: 800-622-7464 or 801-566-8991

FAX: 801-566-3787

Product Specifications

Network:	IEEE 802.3 Ethernet over 2 pairs of UTP Category 3 (10BaseT)
Ports:	Choice of 5 (Model 10T5) or 8 (Model 10T8) RJ-45 connectors
Error Protection:	Automatically isolates faulty ports (auto-partition and reconnection)
Error Correction:	Automatic polarity detection and correction
Expansion:	Port 1 may be uplinked to additional hubs or switches (switch selectable)
Power:	7.5 VDC x 700 mA (AC power module included)

Safety and Regulatory Compliance

FCC Compliance Statement

This hardware 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. This equipment has been tested and found to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If you suspect this equipment is causing interference, turn your unit on and off while your radio or TV is showing interference, If the interference disappears when you turn the unit off and reappears when you turn the unit on, something in the unit is causing interference. You can 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 the receiver: 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected: 4) consult the place of purchase or an experienced radio/television technician for additional suggestions. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Safety Advisory

1. This product should be operated from the type of power source indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.

2. Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.

3. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

4. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to service personnel.

Visit Asanté at www.asante.com

Main Corporate Telephone Numbers
800-662-9686 Home/Office Solutions
800-303-9121 Enterprise Solutions
408-435-8388

Technical Support – Worldwide
801-566-8991

Technical Support Fax
801-566-3787

Technical Support Bulletin Board System
408-432-1416

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