HomePlug Turbo Ethernet Bridge

Use any of the electrical outlets in your home or office to create a high-speed network.

The INTELLINET NETWORK SOLUTIONS™ HomePlug Turbo Ethernet Bridge allows you to create a high-speed network for your computers in your home or office. Simply plug the bridges into any electrical outlet, and you immediately create a network using the existing AC power lines.

Easy to Install
Network your PCs and share the high-speed Internet connection using existing electrical outlets in your home or office. No need to drill holes in walls, pull cable through the attic or basement, or pay for contractors to come and wire your home. Just plug the HomePlug Turbo Ethernet Bridge into the wall, plug your router port into it, and you've now turned your entire home office into a network infrastructure. Attach multiple computers to the network by plugging them into additional HomePlug Turbo Ethernet Bridges that you can plug into any of the other electrical outlets in your home or office.

High Performance
The HomePlug Turbo Ethernet Bridge complies with the HomePlug 1.0 Turbo standards, and provides a network connection speed of 85 Mbps. It automatically senses the speed of the router or computer device, and adjusts to accommodate 10 Mbps or 100 Mbps Ethernet devices. Quality of Service (QoS) further improves performance by prioritizing your important traffic through the use of up to four priority queues.

Cost Effective
Because there is no special wiring required, the HomePlug Turbo Ethernet Bridge can be installed with minimum expense. And you can move them to a different home or office without leaving a mess or having to reconfigure them.
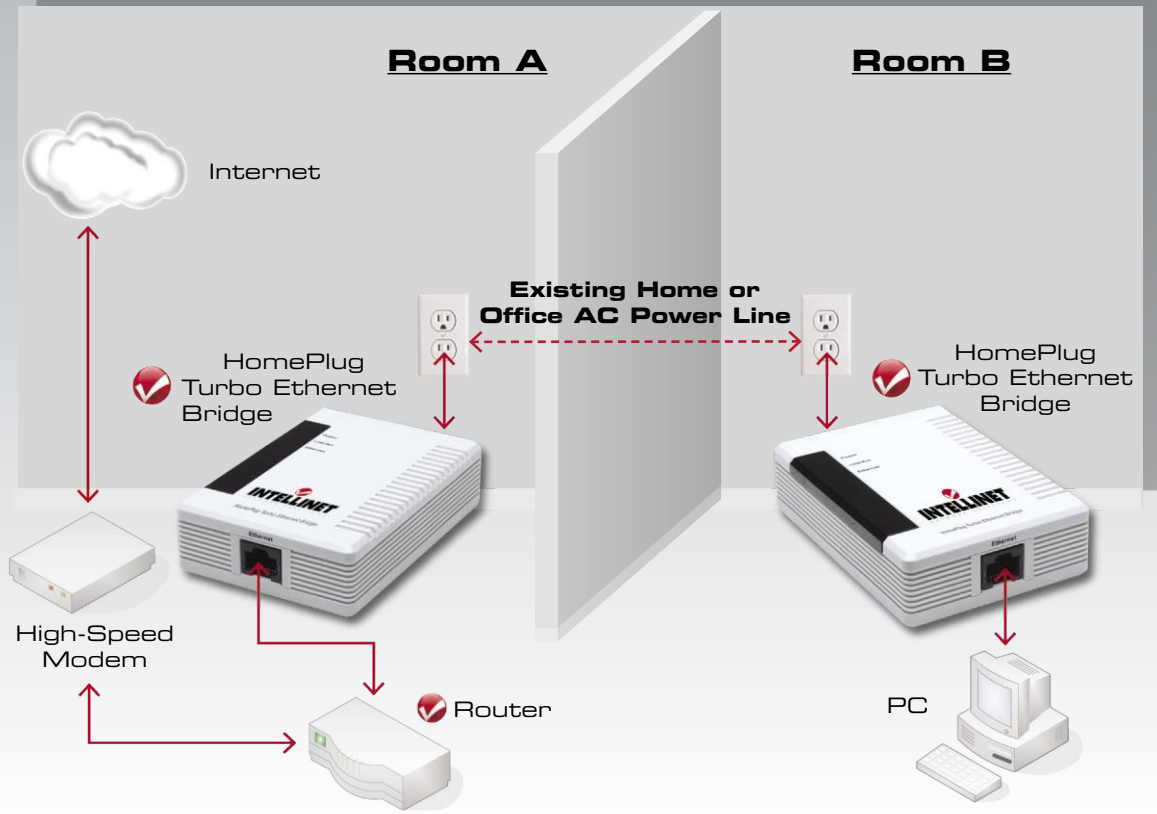
Secure
Just because your data is running through the AC power line network, don't think it isn't secure. The HomePlug Turbo Ethernet Bridge uses 56-bit encryption to protect your data as it is routed through the AC power lines in your home or office.

Lifetime Warranty
Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest commitment anyone can make.

Room A

Room B

Internet

**Existing Home or
Office AC Power Line**

HomePlug
Turbo Ethernet
Bridge

HomePlug
Turbo Ethernet
Bridge

INTELLINET

INTELLINET

High-Speed
Modem

Router

PC

Model
502641

Features

- Network computers through existing AC power lines
- Transparently connects Ethernet devices through the electrical system in your home or office
- Expand your network by adding HomePlug Turbo Ethernet Bridges
- HomePlug 1.0 Turbo compliant
- QoS to prioritize your important traffic
- Plug and Play (no drivers required)
- Secure data through 56-bit encryption
- Includes Windows configuration utility
- Lifetime Warranty

Specifications

GENERAL
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX
- HomePlug 1.0 Turbo
- Effective throughput: up to 25 Mbps
- Chipset: Intellon INT5500 & RTL8201

PORTS
- One 10/100 RJ-45 port
- One AC power line port

LEDs
- Power: On = solid green
- Power line: Link = solid green, Act = blinking green
- Ethernet: Link = solid green, Act = blinking green

MINIMUM SYSTEM REQUIREMENTS
- Existing Ethernet network adapter
- TCP/IP protocol
- CD-ROM drive
- Configuration utility requires Windows 98SE, Me, 2000 or XP

CERTIFICATIONS
- FCC Part 15, Part B, Class B
- CE Class B

PHYSICAL CHARACTERISTICS
- Dimensions (W x D x H) 103 x 71.4 x 27.8 mm (4 x 2.8 x 1.1 in.)
- Weight: 5.4 oz. (153 g)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating relative humidity: 10% – 90%, non-condensing
- Storage temperature: -25 – 75°C (-13 – 167°F)
- Storage relative humidity: 0% – 95%, non-condensing
- Power: AC 100 – 240 V / 50 – 60 Hz / 0.5 A

PACKAGE CONTENTS
- One HomePlug Turbo Ethernet Bridge
- Setup CD-ROM with User Manual
- One Ethernet Network Cable
- Quick Start Guide

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit **www.intellinet-network.com**.

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BRINGING NETWORKS TO LIFE