INTELLINET
NETWORK SOLUTIONS

PowerLine
Turbo Ethernet Adapter

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

Model
502641

The INTELLINET NETWORK SOLUTIONS™ PowerLine Turbo Ethernet Adapter allows you to create a high-speed network for the computers in your home or office by simply plugging the adapters into any electrical outlet. You immediately create a network using the existing AC power lines and can extend your home network into areas a wireless signal cannot reach.

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 PowerLine Turbo Ethernet Adapter into the wall, plug your router into it, and you've now created a network within your home. Attach multiple computers to the network by simply plugging them into additional PowerLine Turbo Ethernet Adapters.

High Performance
The PowerLine Turbo Ethernet Adapter complies with the HomePlug 1.0 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.

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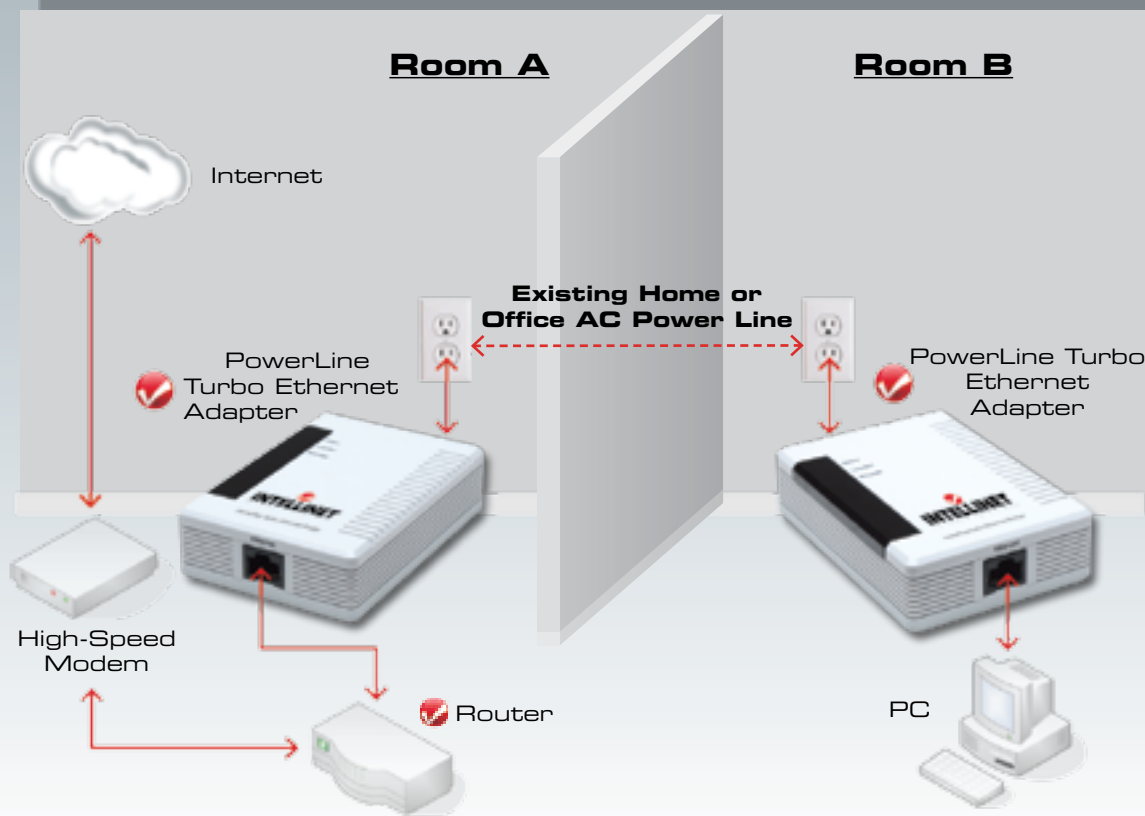
Secure
Just because your data is running through your AC power lines, don't think it isn't secure. The PowerLine Turbo Ethernet Adapter uses 56-bit encryption to protect your data as it is routed through the AC power lines in your home or office.

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.

LIFETIME WARRANTY

Room A

Room B

Internet

Existing Home or Office AC Power Line

PowerLine Turbo Ethernet Adapter

PowerLine Turbo Ethernet Adapter

High-Speed Modem

Router

PC

Model
502641

NOTE: The PowerLine Turbo Ethernet Adapter is not compatible with the PowerLine HD Ethernet Adapter, Model 503273, but the two products can co-exist on the same powerline network without interfering with one another.

Features

- Expand your home network using existing power lines
- Extends high-speed Internet around the home
- Provides network access for computers and gaming consoles
- Plug and Play (no drivers required)
- Up to 85 Mbps network data rates and data security through 56-bit encryption
- HomePlug 1.0 compliant
- Lifetime Warranty

Specifications

STANDARDS & CERTIFICATIONS
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX
- HomePlug 1.0
- FCC Part 15, Part B, Class B
- CE Class B
- RoHS

GENERAL
- One 10/100 RJ45 port
- One AC power line port
- Chipset: Intellon INT5500
- Link speed: up to 85 Mbps
- 56-bit DES Link Encryption with key management for secure power line communications

LEDs
- Power
- Power line Link/Activity
- Ethernet Link/Activity

POWER
- Internal 100 – 240 V AC, 50 – 60 Hz
- Power consumption: 2.5 Watts (maximum)

ENVIRONMENTAL
- 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

MINIMUM SYSTEM REQUIREMENTS
- Existing PowerLine Turbo Ethernet Adapter
- TCP/IP protocol
- CD-ROM drive
- Configuration utility requires Windows 2000, XP, Vista

PACKAGE CONTENTS
- PowerLine Turbo Ethernet Adapter
- Setup CD with user manual
- 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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