

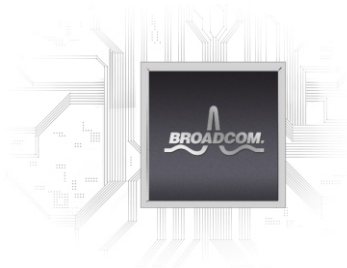
## Ideal Powerline Adapter brings blazing-fast speed for HD video streaming and Game console

### AV1000 Gigabit Powerline Adapter with AC PassThrough

P1001P is a powerline adapter designed for 3D/HD video streaming and home entertainment sharing over existing electrical wire. Compliant with HomePlug AV2 standard, P1001P converts electric signal to network signal automatically. As Plug-and-play devices, a pair of P1001P can work as soon as you connect one to a router, and plug another P1001P in the room in need. Home network with lightning speeds of up to 1000Mbps can be established simply and easily. What's more, with AC pass through design, P1001P functions as power socket as well. No drilling, no need for laying complicated wires or manual configuration, P1001P brings freewheeling internet access with minimum cost and efforts.

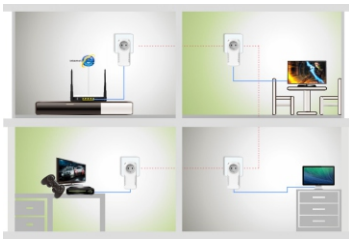


P1001P



### Blazing-Fast Broadcom Chip

Adopts latest Broadcom chip to provide transmission rate up to 1000Mbps, making it a great choice to build multimedia entertainment network easily.



### Gigabit LAN ports

Gigabit wired ports can 10 times speed LAN data transmission to share network with other devices.



### AC Pass Through Design

The AC pass-through design provides the max load of up to 3600W to ensure safety, and the embedded noise filter also enables the Tenda P1001P to suppress noise from all connected electronic equipment to enhance network quality for multimedia streaming.



### Compliant with HomePlug AV2 standard

With advanced Home Plug AV2 technology, backwards compatibility with Home Plug AV and IEEE 1901-based products, and P1001P can compatible with powerline adapters of other brand with different rates.



### Greenlumi

Power rate reduces to 0.5W in stand-by mode for greenlumi.

## Main Features

- **Blazing-Fast Home Network** : Transmission rate up to 1000Mbps, and transmission distance up to 300 meters;
- **External Power Socket** : P1001P functions as power socket as well;
- **High compatibility**: Compliant with IEEE1901 and downward compatible with HomePlug AV standard, P1001P can compatible with Powerline adapter of other brands with different rates;
- **Energy-saving design** : P1001P powers down automatically when not connected or not in use and power rate is less than 0.5 Watt in stand-by mode;
- **Plug and Play** : No laying complicated wires, data transmission through existing electrical wire with minimum cost;
- **Gigabit Ethernet Ports** : Connect to your home network or Internet easily and simply;
- **Push-and-Secure Button** : 128-bit AES encryption ensures that network is safe simply at a push of button on paired devices;
- **Quality Of Service** : Supports QoS and IGMP managed multicast IP transmission to optimize IPTV streaming.

## System Requirements

- Windows 8, Windows 7, Windows 2000/XP/2003/Vista, Mac OS, Linux
- Firefox 1.0 IE5.0 or above browser

## Specification

| HARDWARE FEATURES              |  |         |          |          |          |          |          |
|--------------------------------|--|---------|----------|----------|----------|----------|----------|
| Standards and Protocols        | HomePlug AV2, IEEE1901, IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.1p, IEEE802.3x               |         |          |          |          |          |          |
| Interface                      | 1*Gigabit Ethernet Port, 1*Power Socket  |         |          |          |          |          |          |
| Button                         | Pair/Reset   |         |          |          |          |          |          |
| ( L*W*H ) Product Dimensions   | 130x60x42mm(5.1x2.4x1.7in.)  |         |          |          |          |          |          |
| ( L*W*H ) Packaging Dimensions | 210x159x91mm(8.3x6.3x3.6in.)   |         |          |          |          |          |          |
| LED Indicator                  | Power, PLC, Ethernet   |         |          |          |          |          |          |
| Plug Type                      | EU, UK   |         |          |          |          |          |          |
| Power Input                    | AC100-240V 50/60Hz   |         |          |          |          |          |          |
| Power Consumption              | <5W  |         |          |          |          |          |          |
| Transmission Rate              | Up to 1000Mbps   |         |          |          |          |          |          |
| Transmission Distance          | 300M in house  |         |          |          |          |          |          |
| Frequency                      | 2-86MHz  |         |          |          |          |          |          |
| SOFTWARE FEATURES              |  |         |          |          |          |          |          |
| Advanced Functions             | IGMP, QOS  |         |          |          |          |          |          |
| Modulation Technology          | OFDM, CSMA/CA  |         |          |          |          |          |          |
| Encryption                     | 128-bit AES Encryption   |         |          |          |          |          |          |
| OTHERS                         |  |         |          |          |          |          |          |
| Temperature                    | Operating Temperature 0~40°C<br>Storage Temperature -40°C~70°C                                   |         |          |          |          |          |          |
| Humidity                       | Operating Humidity 10% - 90%RH (non-condensing)<br>Storage Humidity 10% - 90%RH (non-condensing) |         |          |          |          |          |          |
| Certification                  | CE, FCC, RoHS  |         |          |          |          |          |          |
| Related Products               | P200, PW201A, P1000, P1002P, PA1002P   |         |          |          |          |          |          |
| Package Contents               | Powerline Ethernet Adapter, Quick Installation Guide, Ethernet cable                             |         |          |          |          |          |          |
| Item Specification comparison  |  |         |          |          |          |          |          |
|                                | P200   | PW201A  | P1000    | P1001P   | P1002P   | PA1002P  | PA1002   |
| Speed Over Powerline           | 200Mbps  | 200Mbps | 1000Mbps | 1000Mbps | 1000Mbps | 1000Mbps | 1000Mbps |
| Additional Power Socket        |  |         |          | √        | √        | √        |          |
| WiFi                           |  | √       |          |          |          | √        | √        |
| Gigabit Ethernet Port          |  |         | √        | √        | √        | √        | √        |

## Applications

