TP-LINK®
The Reliable Choice



AV500

2-port Powerline Adapter

TL-PA4020

Highlights

- **HD Streaming** – Up to 500Mbps powerline speed ensures smooth HD stream transmission
- **Energy Saving Mode** – Automatic Energy Saving mode reduces power consumption by up to 85%
- **No new wires** – No new wires or drilling required, just using existing electrical wires
- **Plug and Play** – Plug and play, no configuration required

300 Meters

500Mbps HomePlug AV

One Button Security

Energy Save

2 Ethernet Ports

Features

Speed

- Fast Powerline Speed – Up to 500Mbps powerline speed ensures smooth HD stream transmission
- 2 Ethernet Ports – Create secure wired networks for desktops, smart TVs or game consoles

Reliability

- Quality of Service – QoS provides networking flexibility and stable IPTV streaming and online gaming

Ease of Use

- Plug and play – Plug and play, no configuration required
- No new wires – No new wires, use existing electrical wiring to expand your home network

Energy Saving

- Power Save – Power Saving Mode helps reducing power consumption by up to 85%[1]

Range

- 300-meter Range – Up to 300-meter range over the household power circuit

Security

- Pair Button – 128-bit AES encryption easily at a push of "Pair" Button

Specifications

Hardware

- **Transmission Speeds:** Powerline: up to 500 Mbps
  Ethernet: 10/100 Mbps
- **Standards and Protocols:** HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u
- **Interface:** 2 * Ethernet Ports
- **Plug Type:** US
- **Button:** Pair Button
- **LED Indicator:** Power, Powerline, Ethernet
- **Item Dimensions (W x D x H):** 2.5 x 1.9 x 1.6 in. (63 x 47 x 40 mm)
- **Packing Dimensions (W x D x H):** 7.5 x 4.9 x 3.9 in. (190x125x100 mm)
- **Power Consumption:** Maximum: 2.62W,
  Typical:2.59W,
  Standby: 0.17W
- **Power Saving Mode:** When there is no Ethernet link in 300 seconds
- **Range:** 300 meters in house
- **Compatibility:** Compatible with AV200 and higher standard powerline adapters

Software

- **Modulation Technology:** OFDM
- **Security:** 128-bit AES Encryption

Others

Package Contents

- AV500 2-port Powerline Adapter TL-PA4020
- Ethernet cable (RJ45)
- Quick Installation Guide

Certification

- FCC, RoHS

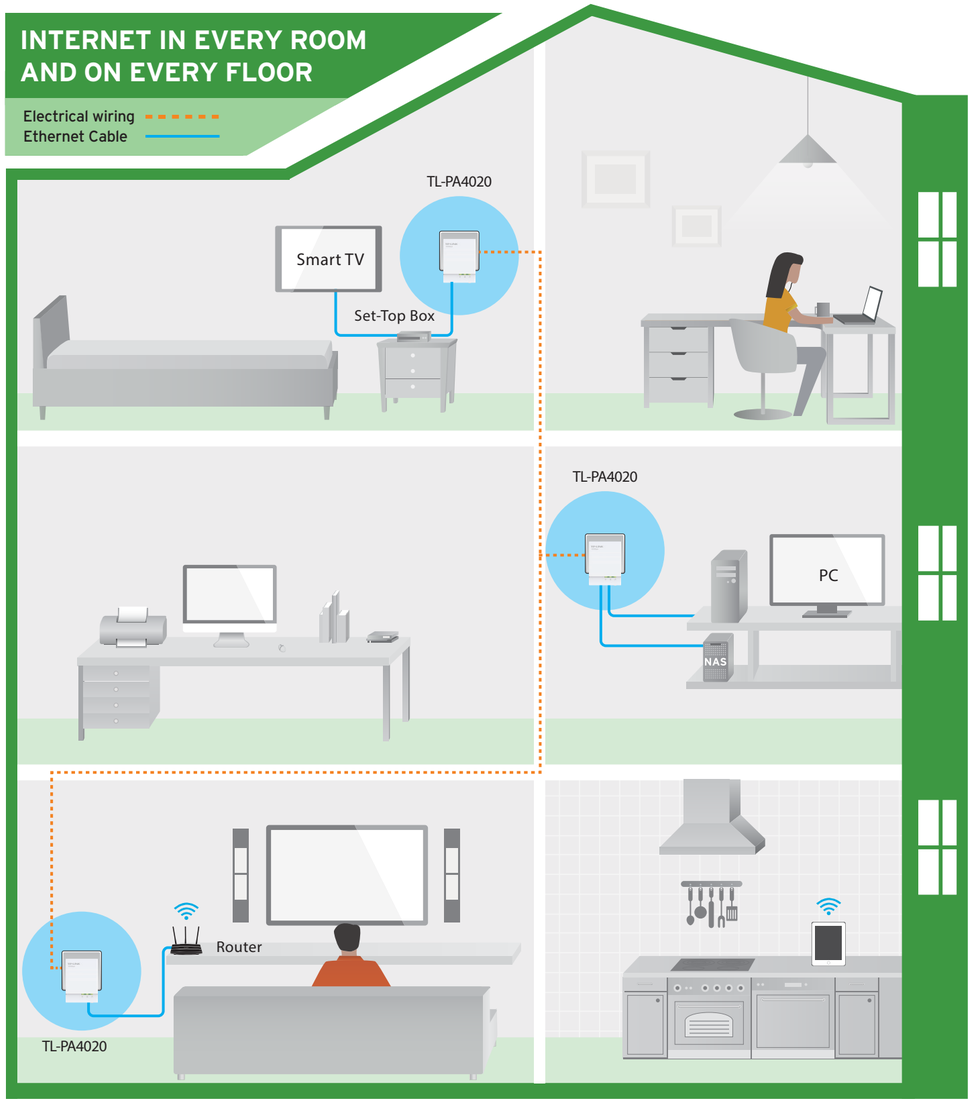
System Requirements

- Windows 8.1/8/7/Vista/XP, Mac OS, Linux[2]

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40℃~70℃ (-40℉ ~158℉)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing

Diagrams



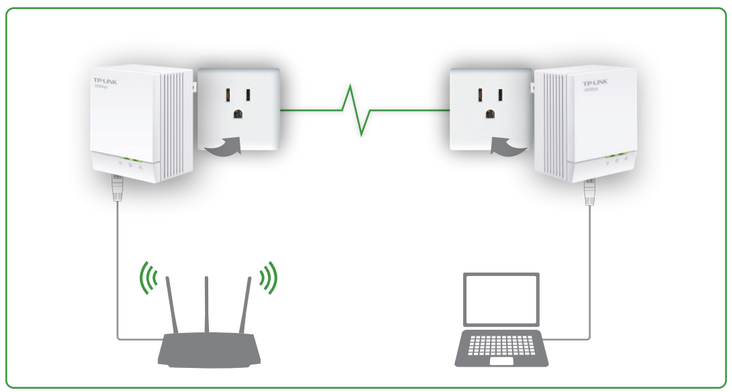
To achieve maximum performance, 500Mbps powerline adapters should be paired with adapters featuring no less than 500Mbps powerline data transmission rates.



Ethernet Ports
(Connect to Your Laptops, Game Consoles, TVs, and more)

Pair Button
(Set up a secure Powerline network within minutes)

PLUG & PLAY IN SECONDS!



Powerline adapters must be deployed in sets of two or more.

Others

Ideal to use with



- AC1200 Wireless Dual Band Gigabit Router
  Archer C5



- AC750 Wireless Dual Band Gigabit Router
  Archer C2

Similar Products



- AV500 Nano Powerline Adapter Starter Kit
  TL-PA4010 KIT



- AV1200 3-Port Gigabit Passthrough Powerline Starter Kit
  TL-PA8030P KIT

For more information, please visit
http://www.tp-link.us/products/details/cat-18_TL-PA4020.html
or scan the QR code left

www.tp-link.us

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[1] Actual data will vary because of the network conditions and environment factors.

[2] Utility supports Windows 8.1/8/7/Vista/XP and Mac OS X (10.7 or later) operating system for the present.