

# AV1200

Passthrough Powerline ac Wi-Fi Kit

TL-WPA8630P KIT

## Highlights

- **AC1200** – Deliver combined Wi-Fi speeds of up to 1200Mbps, ensuring optimal productivity and uninterrupted entertainment
- **HomePlug AV2** – Providing users with ultra-fast data transfer speeds of up to 1200Mbps, perfect for bandwidth-intensive activities
- **2X2 MIMO** – Establishes multiple simultaneous connections for you to enjoy higher powerline speeds and greater stability
- **Wi-Fi Clone Button** – Copy the network name (SSID) and password of your main router with the touch of a button to expand your network
- **Auto-Sync** – Easily add additional extenders to your powerline network, change from any device will be implemented on all network devices



Dual Band  
2.4 & 5 GHz



300Mbps+  
867Mbps



1200Mbps  
HomePlug AV2



Gigabit  
Ports



Plug & Play



Wi-Fi  
Clone



Wi-Fi  
Auto-Sync



tpPLC  
App



Available on the  
App Store



ANDROID APP ON  
Google play

# Features



## Speed

- **Wireless AC Standard** – Dual-band Wi-Fi speeds of 300Mbps on the 2.4GHz band and 867Mbps on the 5GHz band
- **HomePlug AV2** – Provides up to 1200Mbps high-speed data transmission over a home's existing electrical wiring, making it ideal for HD video streaming and online gaming
- **Multiple Gigabit Ports** – Three gigabit ethernet ports allows you to connect game consoles, smart TVs, or media receivers to the Internet.



## Range

- **Expansive Coverage** – Utilizes any household powercircuit to deliver data over distances of up to 300 meters
- **2 x 2 MIMO with Beamforming** – improves coverage throughout the home, especially in areas where the wireless signal from the main router does not reach.



## Ease of Use

- **Wi-Fi Clone** – Allows powerline extenders to copy the network name (SSID) and password from your router with one simple touch
- **Wi-Fi Auto-Sync** – Automatically adopts Wi-Fi settings from your existing powerline network
- **TP-LINK tpPLC** – Allows you to easily manage your network using the intuitive tpPLC App or the tpPLC Utility
- **Plug, Pair, and Play** – Set up your powerline network in minutes



## Reliability

- **Mains Filter** – The integrated Mains Filter reduces electrical noise interference and improves powerline communication performance.



## Security

- **Pair Button** – Provides a connection with 128-bit AES encryption, at the touch of "Pair" button

# Specifications

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## Hardware

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- **Transmission Speeds:** Powerline: up to 1200 Mbps  
Ethernet: 10/100/1000Mbps
- **Standards and Protocols:** HomePlug AV2, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/ac 5GHz
- **Interface:** 3 Gigabit Ethernet Ports, Power Socket
- **Plug Type:** EU
- **Button:** Pair, Reset, LED On/Off, Wi-Fi Clone
- **LED Indicator:** Power, Powerline, Ethernet, 2.4G Wi-Fi, 5G Wi-Fi
- **Item Dimensions (W x D x H):** 6.0 x 3.0 x 1.7 in. (152 x 75 x 42mm)
- **Packing Dimensions (W x D x H):** 9.1 x 7.5 x 3.9 in. (230x190x100 mm)
- **Access Methods:** CSMA/CA channel-access schemes
- **Frequency Band:** 2 MHz to 67.5 MHz
- **IGMP:** IGMP v1/v2/v3
- **Power Output to Integrated Socket:** 16 A
- **Power Consumption:** Maximum: 10.8 W (230V/50Hz)  
Standby: 5W (230V/50Hz)
- **Range:** 300 meters in house
- **Compatibility:** Compatible with all HomePlug AV & AV2 Standard Powerline adapters

## Software

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- **Modulation Technology:** OFDM
- **Security:** 128-bit AES Encryption
- **Quality of Service (QoS):** ToS  
Supports up to 4-level type QoS  
Support up to 8-level VLAN priority field

## Others

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### Package Contents

- AV1200 Passthrough Powerline ac Wi-Fi Kit: TL-WPA8630P & TL-PA8010P
- 2-meter CAT.5e Ethernet Cable \* 2
- Quick Installation Guide

### Certification

- CE, RoHS

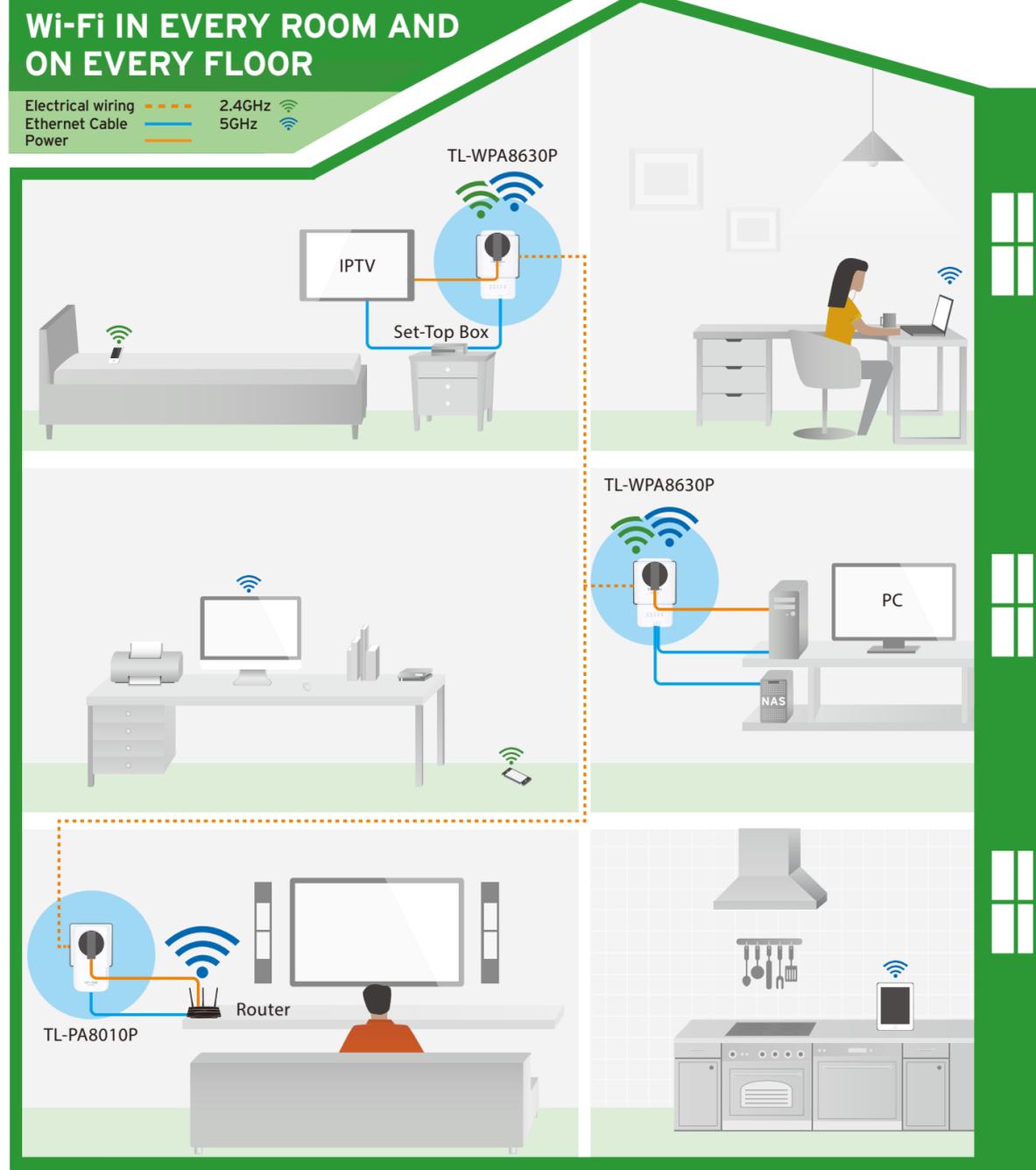
### System Requirements

- Windows 10/8.1/8/7/Vista/XP, Mac OS, Linux<sup>2</sup>

### Environment

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

# Diagrams



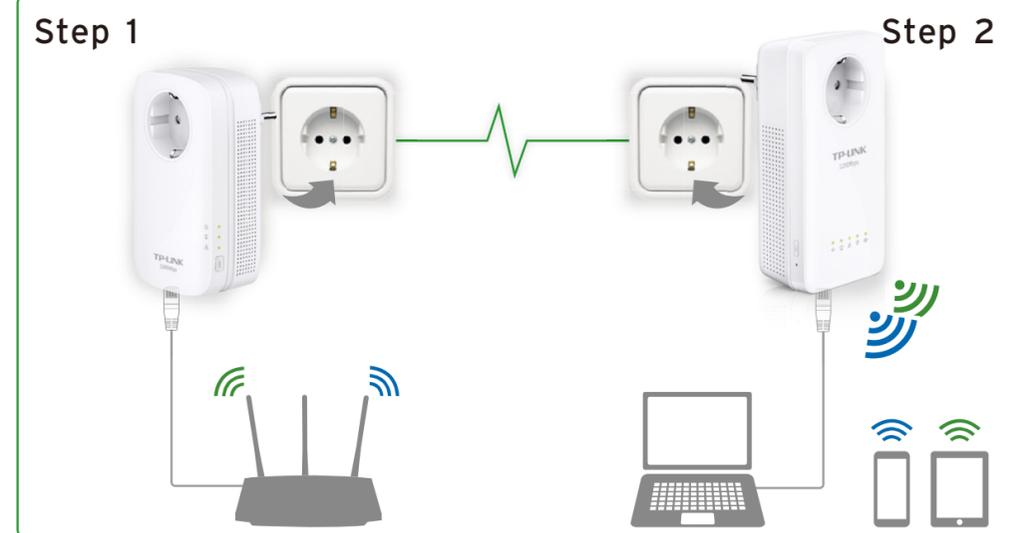
**Extra Power Socket**  
(No power outlet is going to waste)

**LED On/Off Button**

**Gigabit Ethernet Ports**  
(Connect to your router, laptops, game consoles, TVs, and more)

**Pair Button**  
(Set up a secure powerline network within minutes)

## PLUG & PLAY IN SECONDS!



# Others

## Ideal to use with



- AC1900 Wireless Dual Band Gigabit Router Archer C9



- AC1750 Wireless Dual Band Gigabit Router Archer C8

## Similar Products



- AV1200 Gigabit Passthrough Powerline Starter Kit TL-PA8010P KIT



- AV500 Powerline ac Wi-Fi Kit TL-WPA4530 KIT

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**TP-LINK** AV1200 Passthrough Powerline ac Wi-Fi Kit **TL-WPA8630P KIT**