



# AV600

2-port Passthrough Powerline Starter Kit

TL-PA4020P KIT

## Highlights

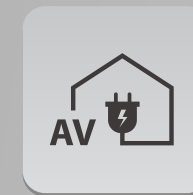
- Extra Power Socket – Embedded power socket making power accessible to other devices
- HD Streaming – Up to 600Mbps powerline speed ensures smooth HD stream transmission
- Energy Saving Mode – Automatic Energy Saving mode reduces power consumption by up to 85%
- Plug and Play – Plug and play, no configuration required



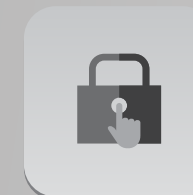
Extra Power  
Socket



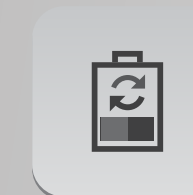
300  
Meters



600Mbps  
HomePlug AV



One Button  
Security



85%  
Energy Save



2 Ethernet  
Ports

# Features



## Speed

- **Fast Powerline Speed** – Up to 600Mbps 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

- **Extra Power Socket** – Embedded power socket making power accessible to other devices
- **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%<sup>1</sup>



## 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

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## Hardware

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- **Transmission Speeds:** Powerline: up to 600 Mbps  
Ethernet: 10/100 Mbps
- **Standards and Protocols:** HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u
- **Interface:** 2 \* Ethernet Ports
- **Plug Type:** UK
- **Button:** Pair Button
- **LED Indicator:** Power, Powerline, Ethernet
- **Item Dimensions (W x D x H):** 3.7 x 2.3 x 1.7 in. (95 x 58 x 42 mm)
- **Packing Dimensions ( W x D x H )::** 7.5 x 4.9 x 3.9 in. (190x125x100 mm)
- **Power Consumption:** <3.0W
- **Power Saving Mode:** When there is no Ethernet link in 300 seconds
- **Range:** 300 meters in house
- **Compatibility:** Compatible with all HomePlug AV & AV2 Powerline adapters

## Software

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

## Others

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### Package Contents

- AV600 2-port Passthrough Powerline Starter Kit TL-PA4020P x 2
- Ethernet cable (RJ45)
- Quick Installation Guide

### Certification

- CE, RoHS

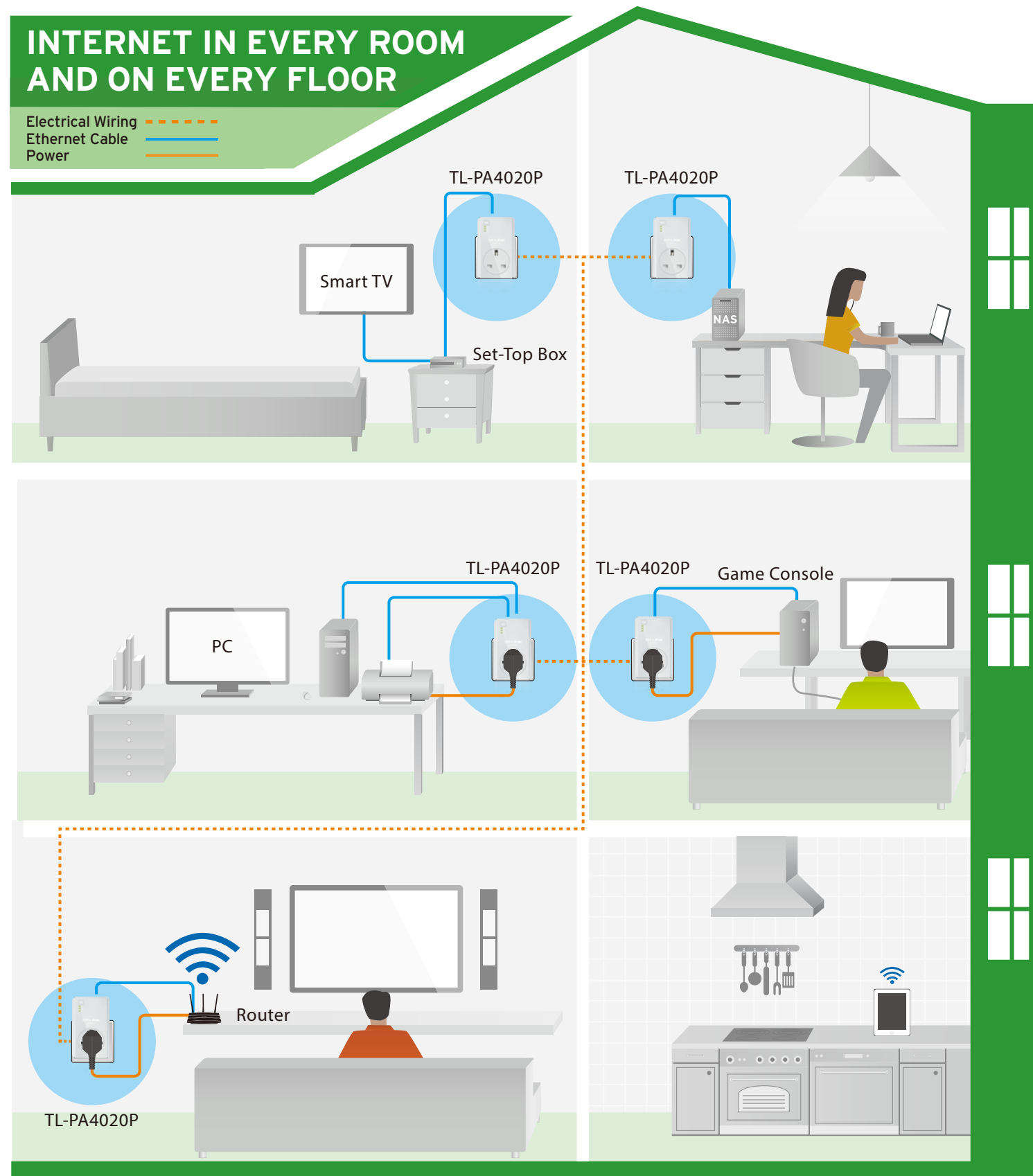
### System Requirements

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

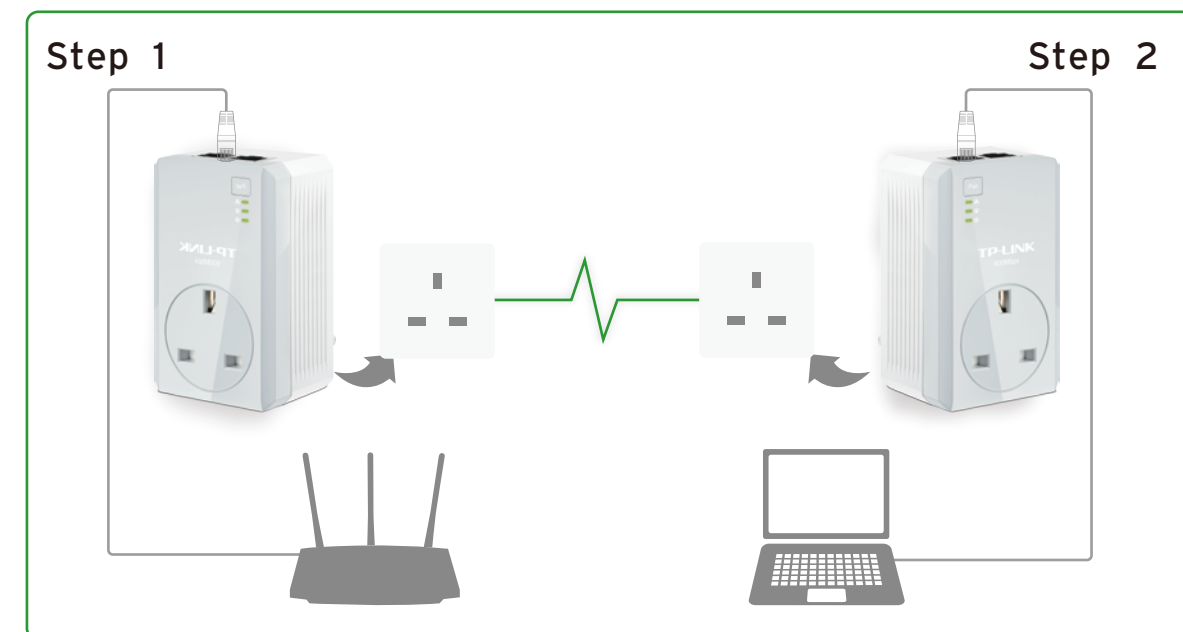
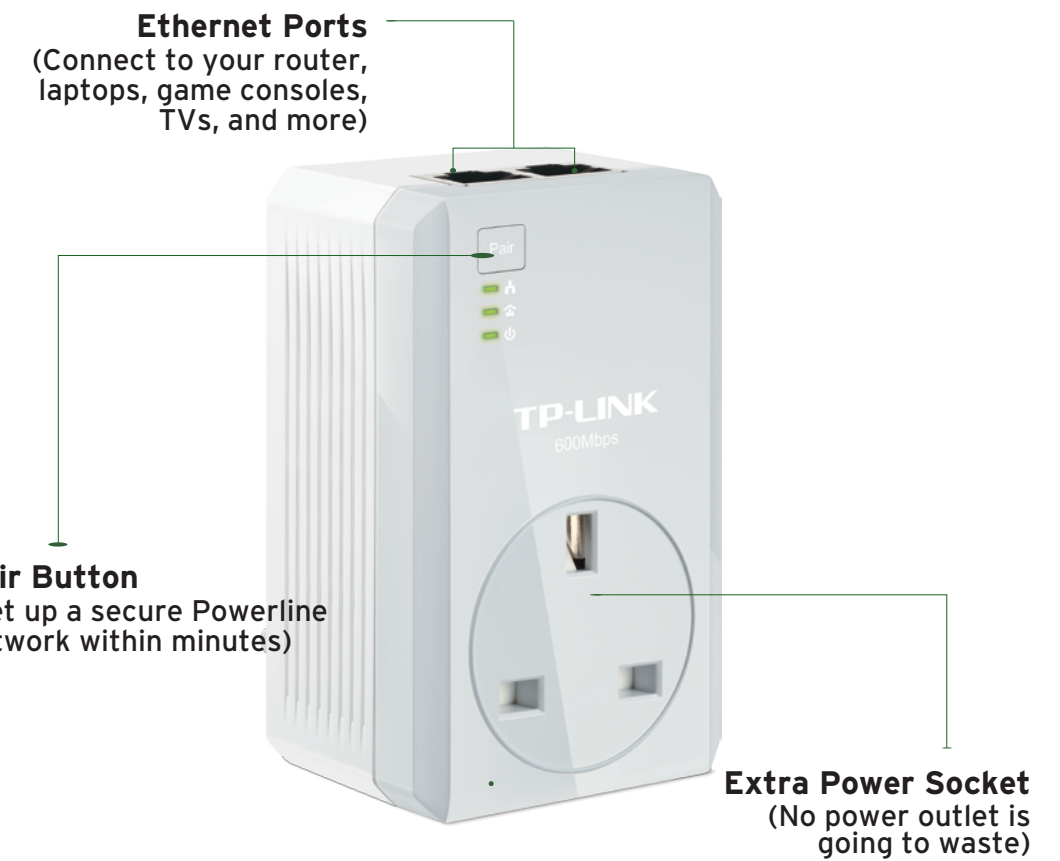
### Environment

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

# Diagrams



To achieve maximum performance, 600Mbps Powerline adapters should be paired with adapters featuring no less than 600Mbps Powerline data transmission rates.



**Note:** Powerline adapters should be deployed on the same circuit and in sets of two or more. The first, connected to the router and others located elsewhere to enable connectivity in those locations.

# Others

## Ideal to use with



- AC1200 Wireless Dual Band Gigabit Router Archer C5



- AC750 Wireless Dual Band Gigabit Router Archer C2

## Similar Products



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



- AV600 Powerline Wi-Fi Kit TL-WPA4220 KIT



For more information, please visit

[http://uk.tp-link.com/products/details/cat-18\\_TL-PA4020PKIT.html](http://uk.tp-link.com/products/details/cat-18_TL-PA4020PKIT.html)

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<sup>1</sup> Actual data will vary because of the network conditions and environment factors.

<sup>2</sup> Utility currently supports Windows 10/8.1/8/7.

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