



# 300Mbps Wi-Fi Range Extender AV600 Powerline Edition

Instant Wi-Fi & Wired  
Network Everywhere

TL-WPA4220 KIT



HomePlug  
AV 600Mbps



300Mbps  
Wi-Fi

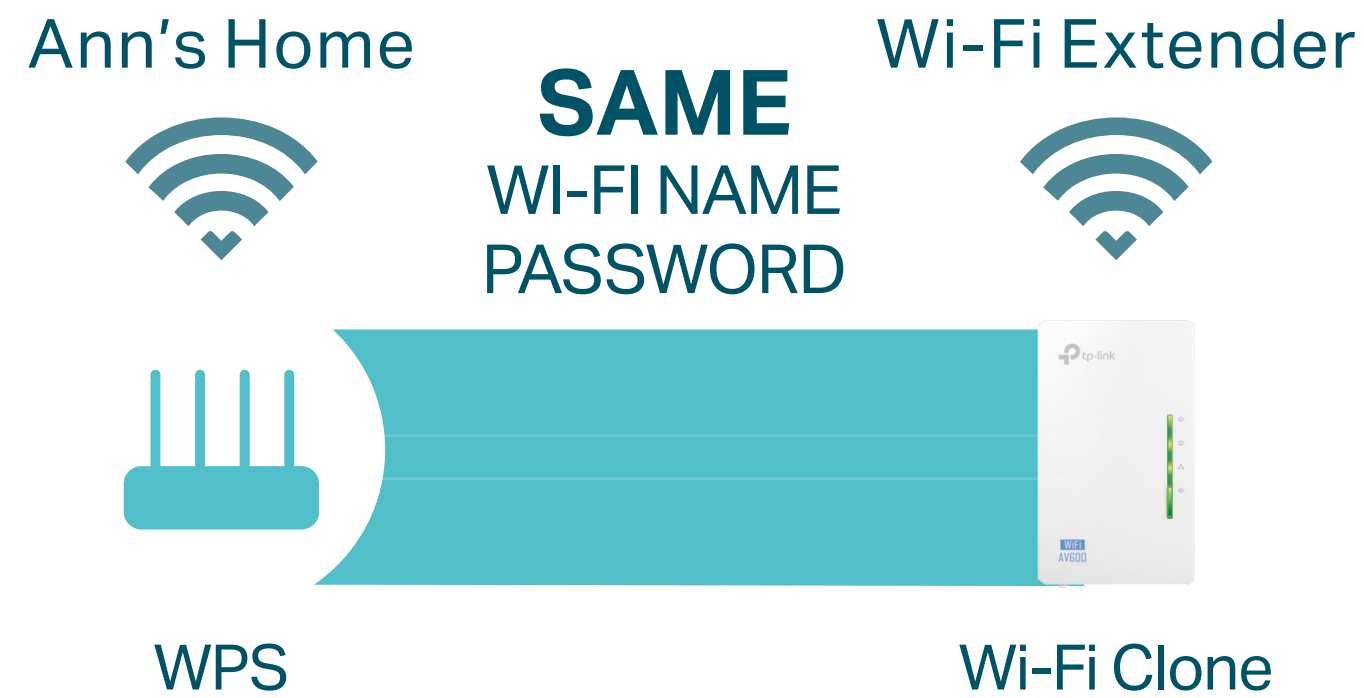


Wi-Fi  
Auto-Sync

# Highlights

## Simple Setup with Wi-Fi Clone

Copy your wireless network name (SSID) and password from your router instantly by pressing the Wi-Fi Clone button.



## Settings in Sync with Wi-Fi Move

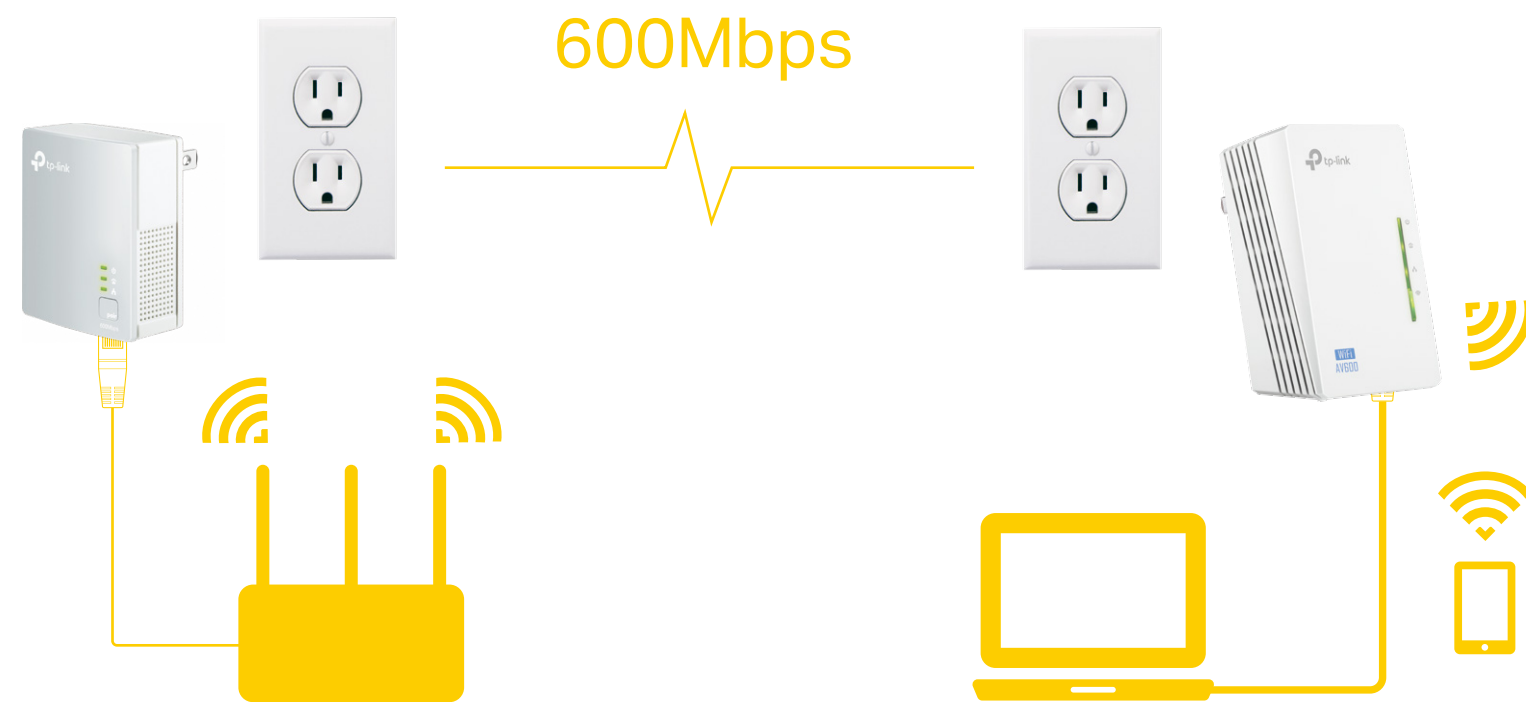
Any changes made to network settings will be automatically applied across the entire network.



# Highlights

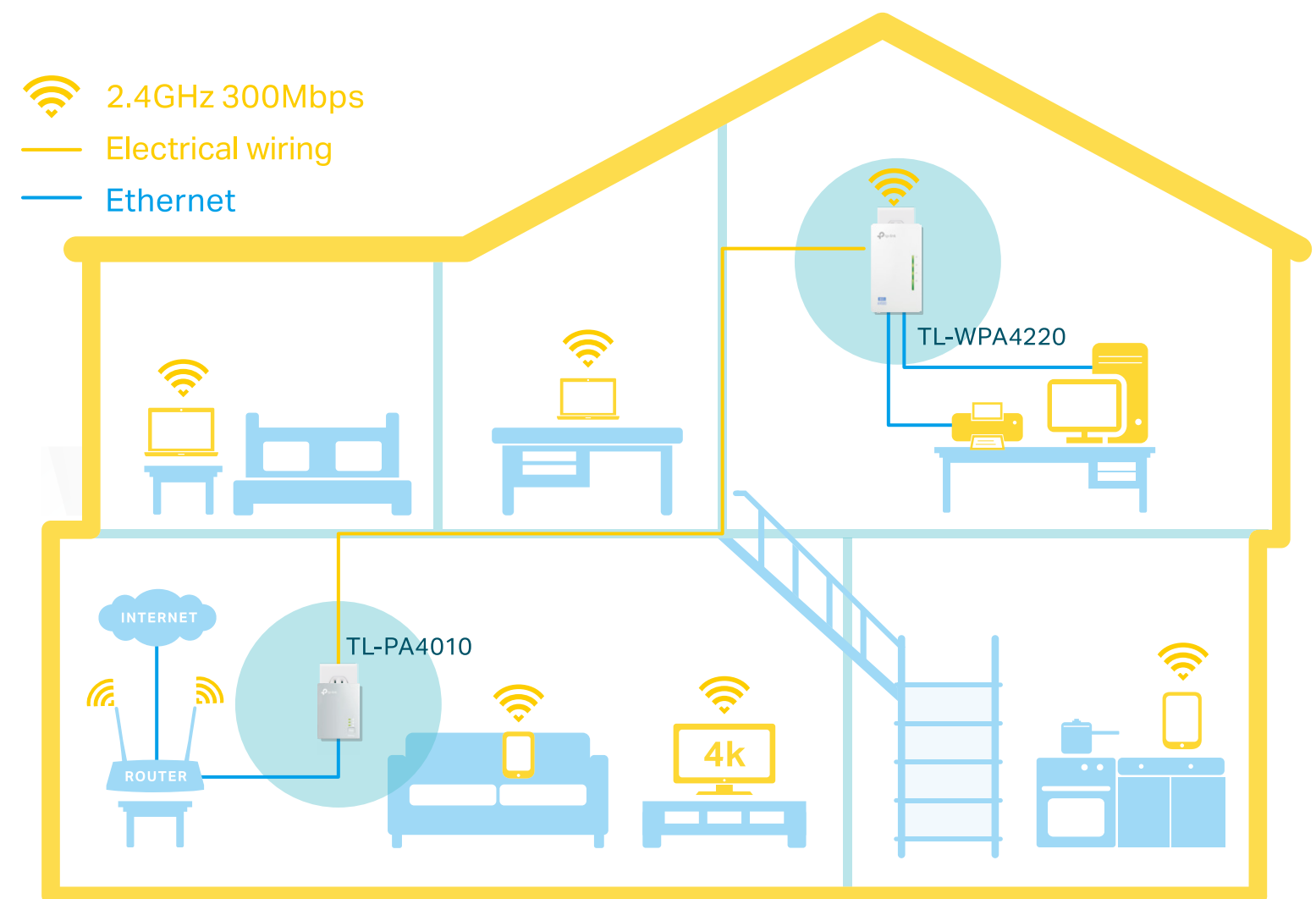
## 600Mbps over Powerline

HomePlug AV standard providing up to 600Mbps high speed data transmission over a home's existing electrical wiring, ideal for lag-free HD or 3D video streaming and online gaming.



## 300Mbps Wi-Fi

Extend 300Mbps wireless connections to previously hard-to-reach areas of your home and office



# Features

## Speed

- Wireless N Standard – Wi-Fi speed of up to 300Mbps
- HomePlug AV – Provides up to 600Mbps high-speed data transmission over a home's existing electrical wiring
- Multiple Ethernet Ports – Create faster connections with PCs, consoles, STB and more
- Speed Optimization – Supports IGMP managed multicast IP transmission, optimizing IPTV streaming

## Range

- 300 meters Range – Up to 300 meters/1000 feet range over the existing household power circuit

## 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 Move – 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

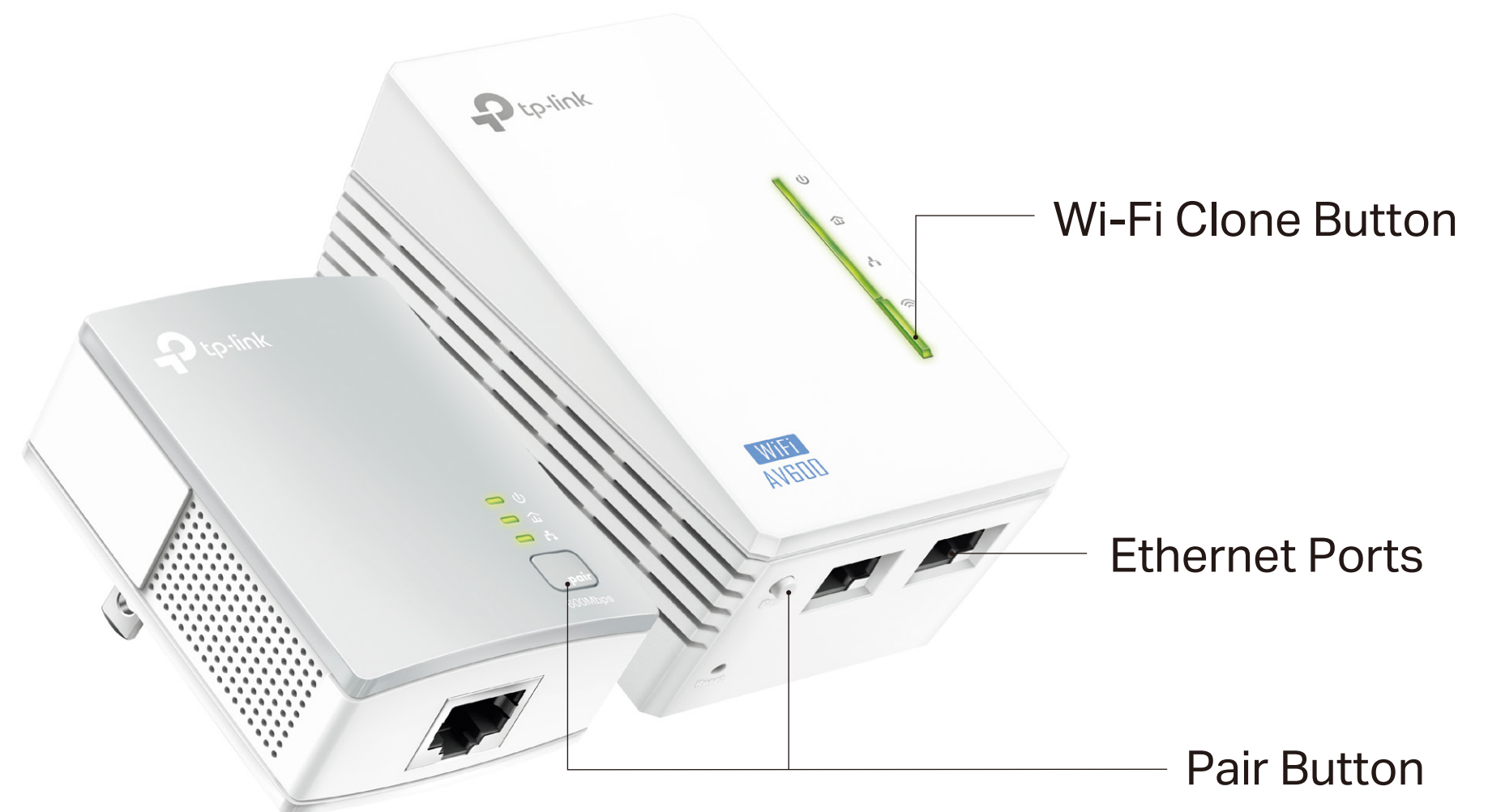
## Security

- Pair Button – Provides a connection with 128-bit AES encryption, at the touch of "Pair" button
- Parental Controls – Manage when and how connected devices can access the internet
- Encryptions for Secure Network – WPA-PSK/WPA2-PSK encryptions provide active protection against security threats

# Specifications

## Hardware

- Transmission Speeds:
  - Powerline: up to 600 Mbps
  - Ethernet: 10/100 Mbps
- Standards and Protocols:
  - HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.11b/g/n
- Interface:
  - TL-WPA4220: 2 Ethernet Ports
  - TL-PA4010: 1 Ethernet Port
- Plug Type: US
- Button: Pair, Reset, Wi-Fi Clone
- LED Indicator: Power, Powerline, Ethernet, Wi-Fi
- Dimensions (W x D x H):
  - TL-WPA4220: 2.1 × 1.6 × 3.7 in. (54 × 40 × 94 mm)
  - TL-PA4010: 2.0 × 1.1 × 2.6 in. (52 × 28.5 × 65 mm)
- IGMP: IGMP v1/v2/v3
- Power Consumption:
  - TL-WPA4220: Maximum: 5.6W, Typical: 5.2W
  - TL-PA4010: Maximum: 2.6W, Typical: 2.3W
- Range: Up to 300 meters/1000 feet over existing electrical wiring
- Compatibility:
  - Compatible with all HomePlug AV & AV2 standard powerline adapters



# Specifications

## Software

- Modulation Technology: OFDM

- Security:

Wireless: WPA-PSK / WPA2-PSK, WEP Encrptions

Powerline: 128-bit AES Encryption

- Management Tools:

tpPLC-Scan the QR code to download TP-Link tpPLC App



Or download new tpPLC Utility on PCs: [www.tp-link.com](http://www.tp-link.com).

## Others

- Package Contents

AV600 Powerline Wi-Fi Kit: TL-WPA4220 & TL-PA4010

Ethernet Cable × 2

Quick Installation Guide

- Certification

FCC, RoHS

- System Requirements

Windows 10/8.1/8/7/Vista/XP, Mac OS, Linux

- System Requirements for tpPLC Utility

Windows 10/8.1/8/7/Vista/XP and Mac OS X (10.7 or later)

- 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



For more information, please visit  
<http://www.tp-link.com/us/products/details/TL-WPA4220KIT.html>  
or scan the QR code on the left.

\* Listed AV and Wi-Fi speeds refer to the theoretical maximum physical-layer data transfer rate. Actual data speeds vary and are influenced by the home's Wi-Fi/electrical/physical environment, and if adapters are placed on the same home circuit. Specifications are subject to change without notice. TP-Link is a registered trademark of TP-Link Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright ©2018 TP-Link Technologies Co., Ltd. All rights reserved.

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