



AV600 Powerline Wi-Fi Kit

Instant Wi-Fi & Wired
Network Everywhere

TL-WPA4221 KIT



HomePlug
AV 600Mbps



300Mbps
Wi-Fi

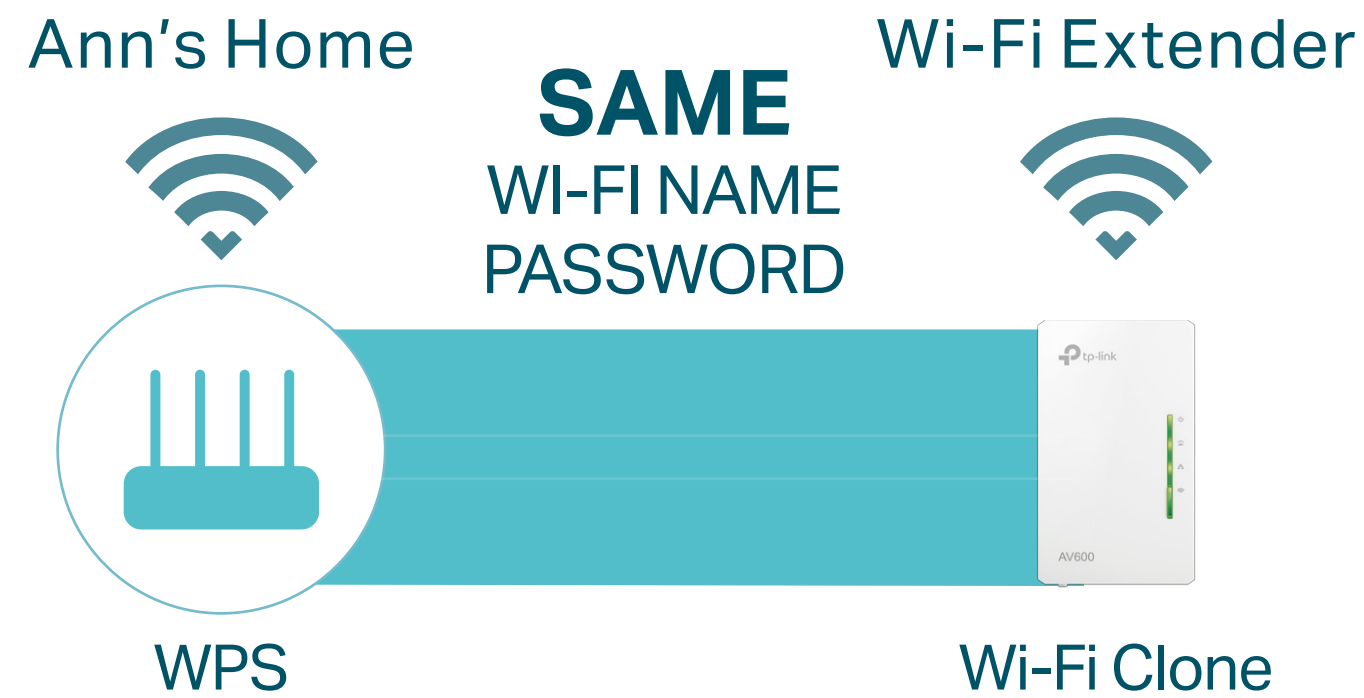


Wi-Fi
Auto-Sync

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

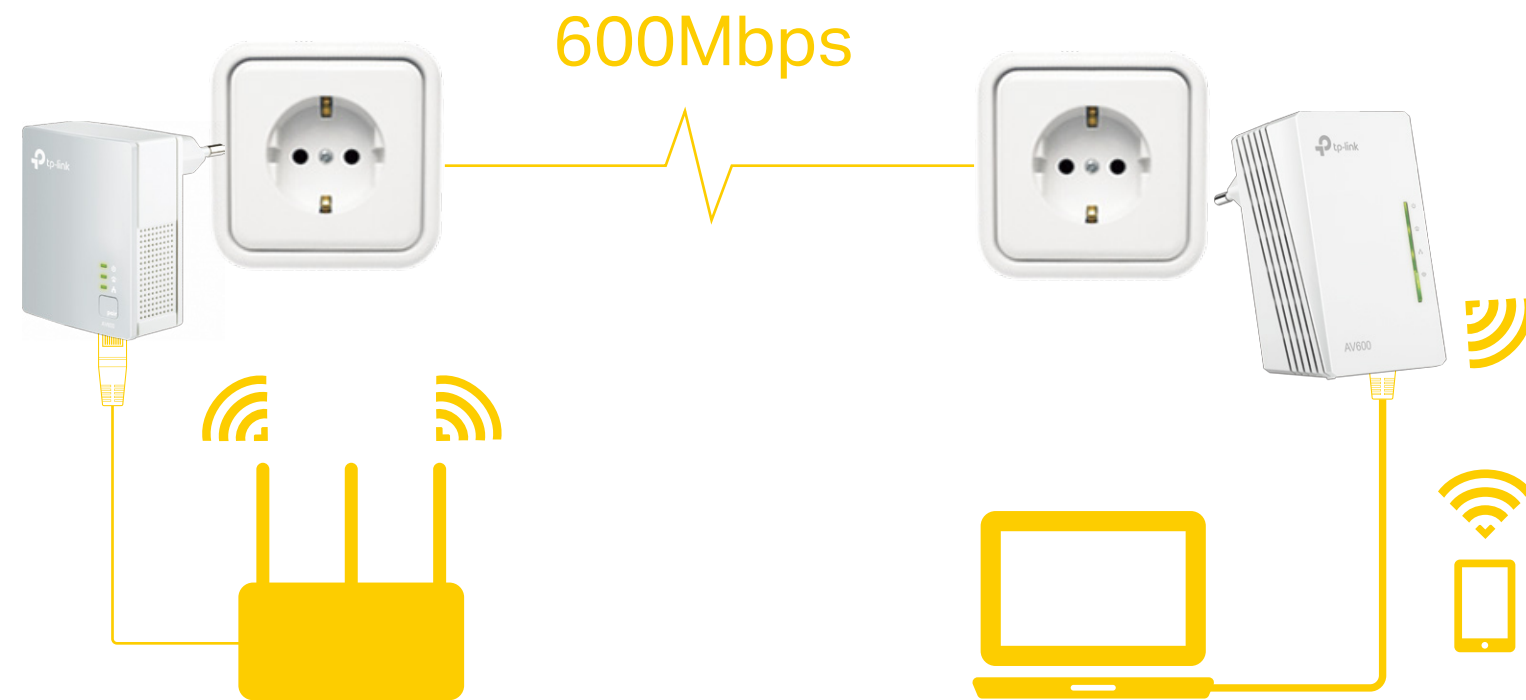
Any changes made to network settings will be automatically applied across the entire network.



Highlights

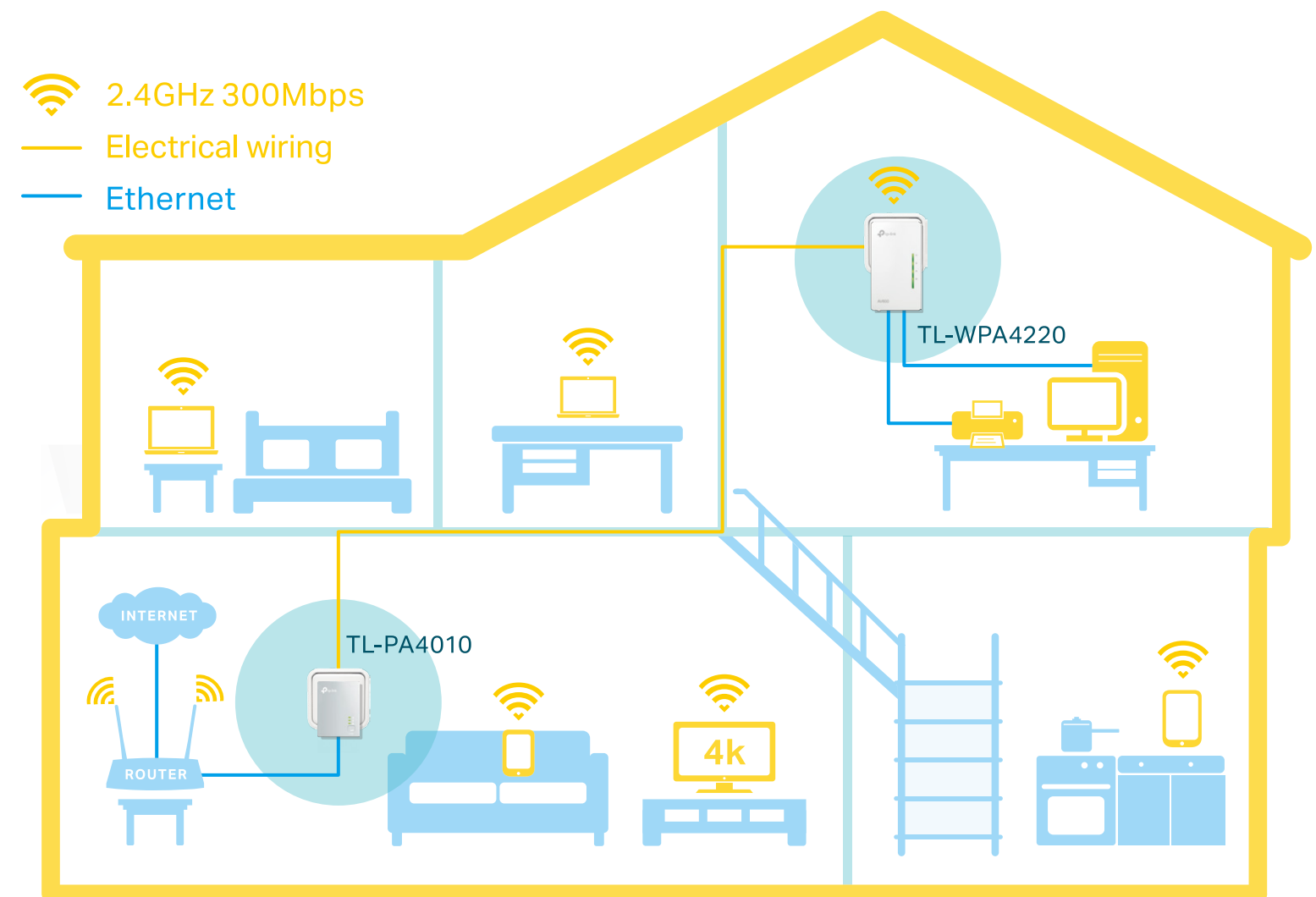
600Mbps over Powerline

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 existing electrical wiring

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: EU
- Button: Pair, Reset, Wi-Fi Clone
- LED Indicator: Power, Powerline, Ethernet, Wi-Fi
- Dimensions (W x D x H):
 - TL-WPA4220: 3.7 × 2.1 × 1.6 in. (94 × 54 × 40 mm)
 - TL-PA4010: 2.6 × 2.0 × 1.1 in. (65 × 52 × 28.5 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.

Others

- Package Contents

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

Ethernet Cable × 2

Quick Installation Guide

- Certification

CE, 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/en/products/details/TL-WPA4221KIT.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.

www.tp-link.com

TP-Link AV600 Powerline Wi-Fi Kit TL-WPA4221 KIT