OneMesh™

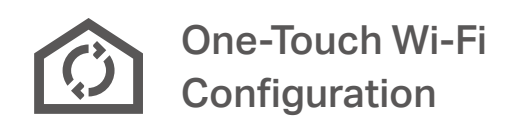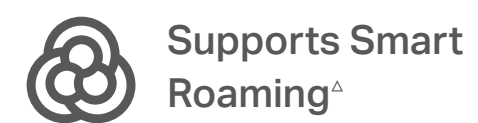# AV1300 Gigabit Passthrough Powerline ac Wi-Fi Kit

Extend AC1200 Wi-Fi and Gigabit Network to Every Room

TL-WPA1300P KIT

2x2 2x2 MIMO Technology | Plug & Play | Supports Smart Roaming△ | One-Touch Wi-Fi Configuration

Highlights

Easily Extend Ultra-Fast, Stable Wi-Fi to Every Room

Stably and efficiently transmit network signals anywhere with a power outlet via your home's existing wiring.

• No need for new wires or drilling

• Network passes through walls and floors

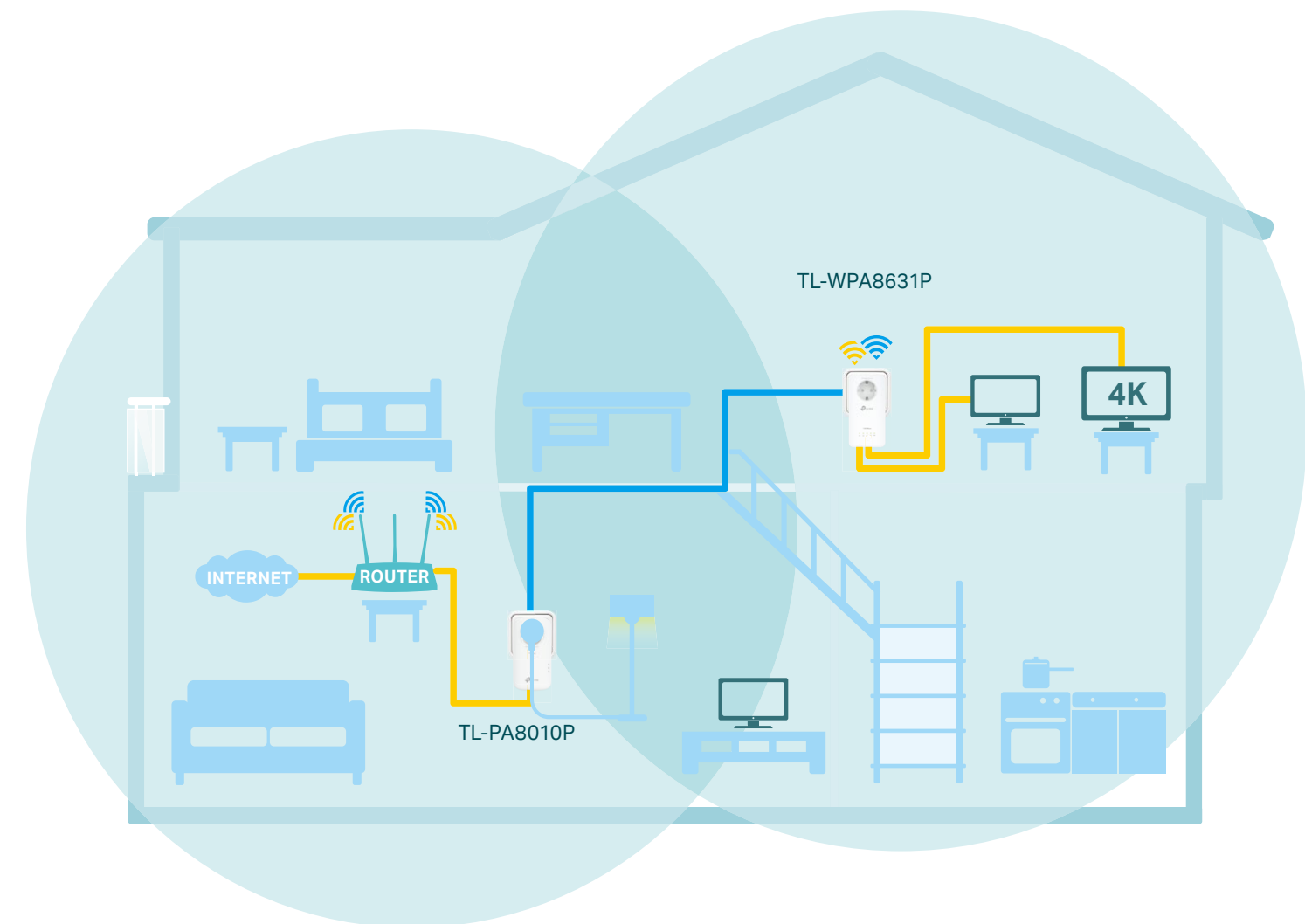**OneMesh™**

Supports Smart Roaming△

Form a unified mesh network with TL-WPA8631P and a OneMesh™ router for seamless streaming while moving around your home.

Learn more about OneMesh™ technology and check the full list* of OneMesh™ devices at:
https://www.tp-link.com/onemesh/tl-wpa1300p kit

*More compatible devices are coming soon.

— Electrical Wiring
— Ethernet Cable

2.4 GHz 300 Mbps
5 GHz 867 Mbps

TL-WPA8631P

4K

INTERNET ROUTER

TL-PA8010P
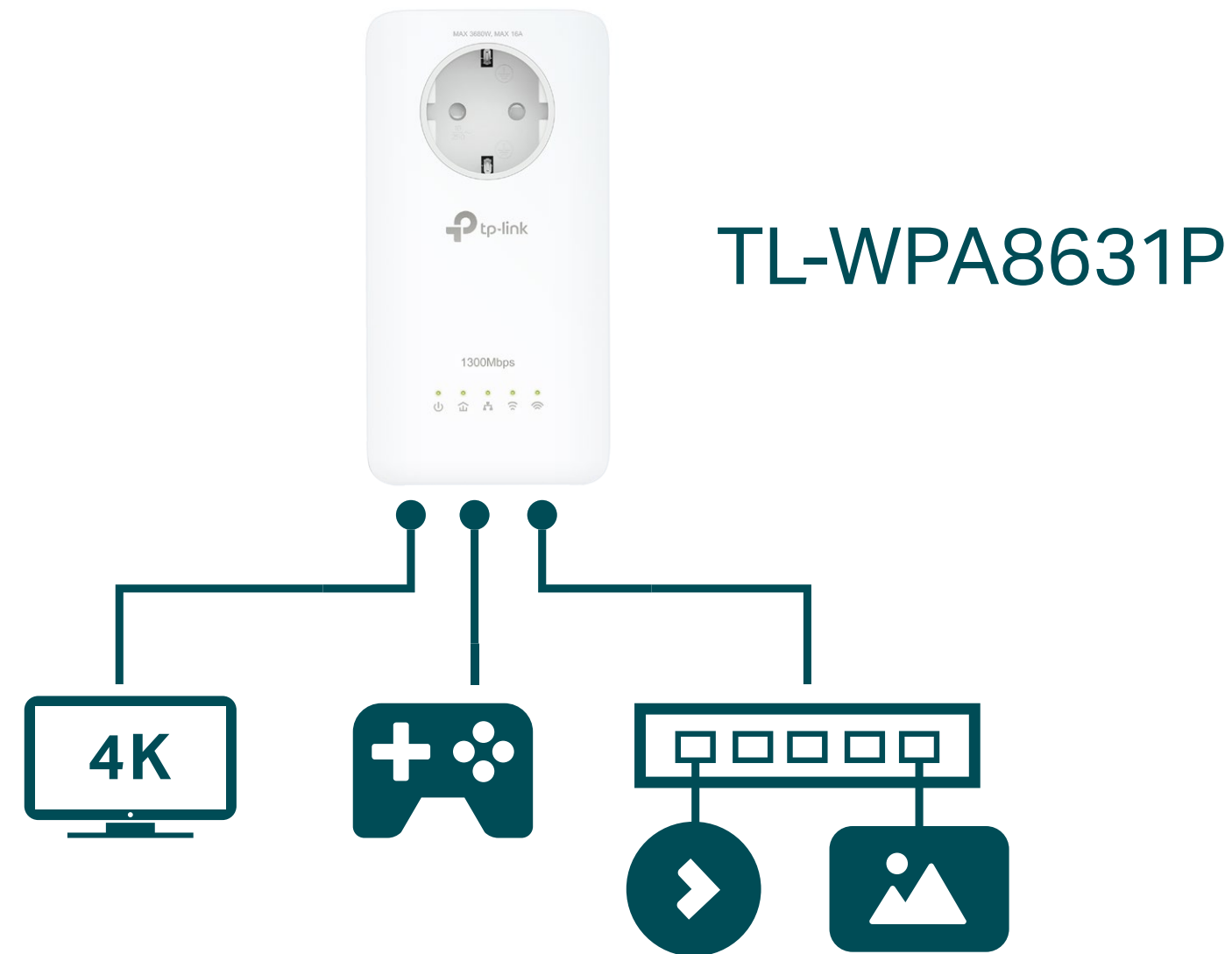
Highlights

Three Gigabit Ethernet Ports

Provide warp speed wired connections for 4K video streaming, lag-free gaming, and more.

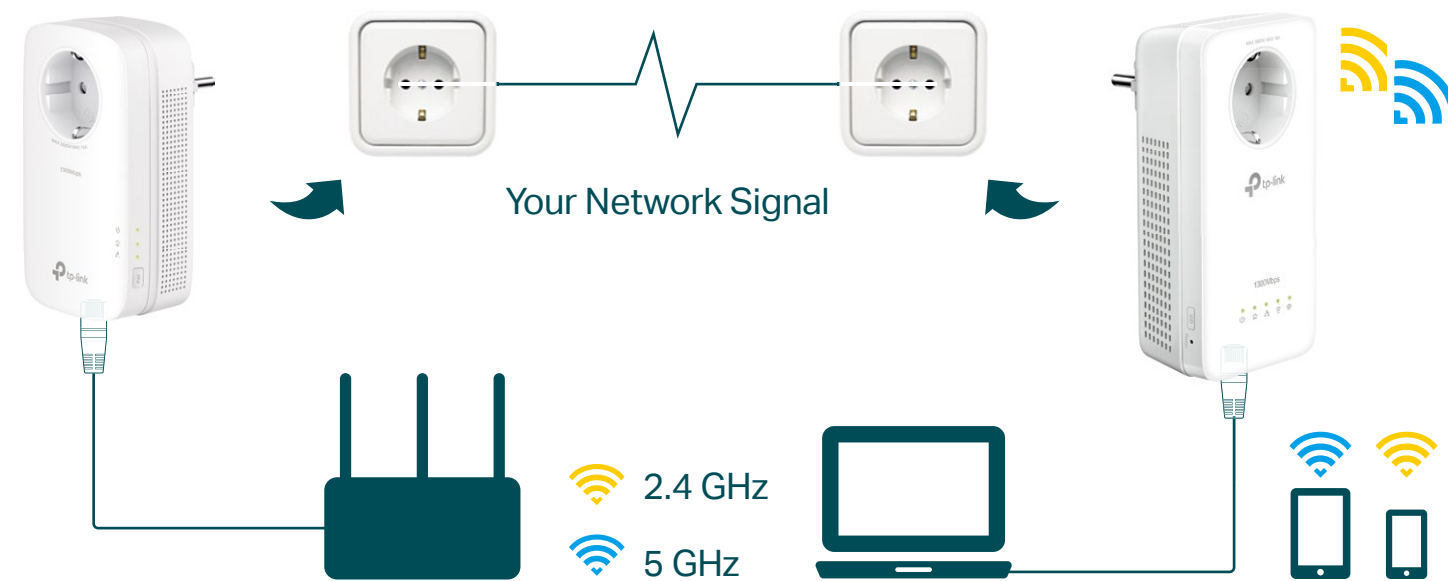**TL-WPA8631P**

1,300 Mbps Powerline with 2×2 MIMO[†]

Establish multiple simultaneous connections to improve data transfer rates, stability, and coverage.

SISO
Single-In-Single-Out

MIMO
Multi-In-Multi-Out

Highlights

Plug and Play

Powerline adapters and extenders must be deployed in a set of two or more and be connected to the same electrical circuit.

One-Touch Wi-Fi Configuration

Copy wireless settings from a router to the extender using the same SSID and password with just a tap.

Your Network Signal

2.4 GHz

5 GHz

Features

Speed

- HomePlug AV2 – Provides up to 1300Mbps high speed data transmission over a home's existing electrical wiring

- Wireless AC Standard – Dual-band Wi-Fi speeds of 300Mbps on the 2.4GHz band and 867Mbps on the 5GHz band

- Multiple Gigabit Ports – Three gigabit Ethernet ports for game consoles, smart TVs, or media receivers

Wi-Fi Range

- Expansive Coverage – Utilizes any household power circuit to deliver data over distances of up to 300 meters
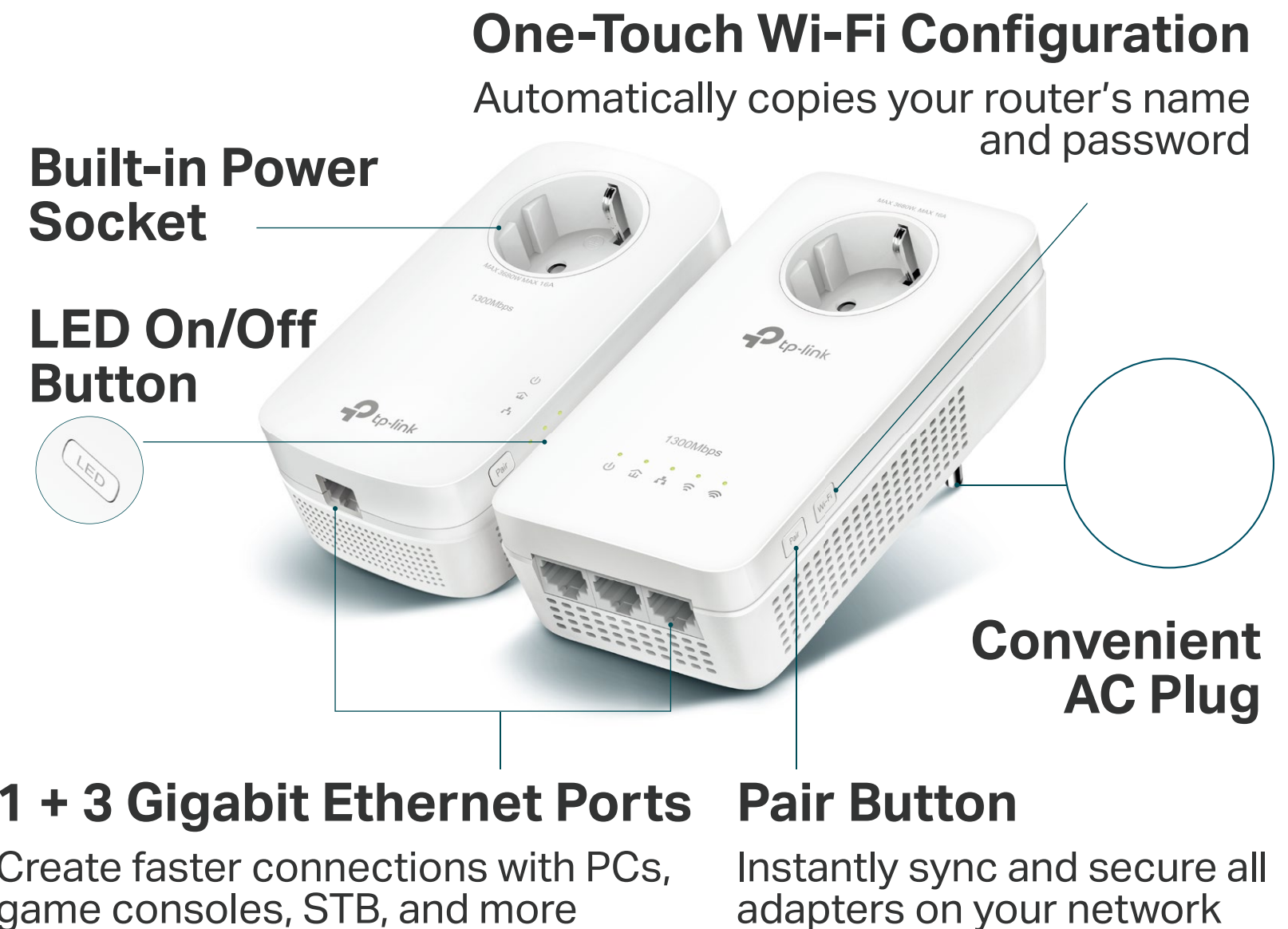
Reliability

- 2X2 MIMO – Establishes simultaneous connections, providing more stable connections and expansive coverage

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

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 – Easily manage your network using the intuitive tpPLC App or the tpPLC Utility

- Plug, 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

Specifications

Hardware

· Transmission Speeds:

  Powerline: up to 1300 Mbps

  Ethernet: 10/100/1000 Mbps

· Standards and Protocols:

  HomePlug AV2, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.11b/g/n (2.4GHz), IEEE 802.11a/n/ac (5GHz)

· Interface: 3 Gigabit Ethernet Ports

· Plug Type: EU

· Button: Pair, LED On/Off, Wi-Fi, Reset

· LED Indicator: Power, Powerline, Ethernet, Wi-Fi (2.4GHz), Wi-Fi (5GHz)

· Dimensions (W x D x H):

  TL-WPA8631P: 3.0 × 1.7 × 6.0 in. (75 × 42 × 152 mm)

  TL-PA8010P: 2.8 × 1.7 × 5.2 in. (72 × 42 × 131 mm)

· IGMP: IGMP v1/v2/v3

· Power Consumption:

  TL-WPA8631P: Maximum: 13W, Typical: 11W

  TL-PA8010P: Maximum: 4.9W, Typical: 4.6W

· Range: Up to 300 meters/1000 feet over existing electrical wiring[†]

· Compatibility: Compatible with all HomePlug AV & HomePlug AV2 standard powerline adapters[§]

Built-in Power Socket

LED On/Off Button

One-Touch Wi-Fi Configuration
Automatically copies your router's name and password

Convenient AC Plug

1 + 3 Gigabit Ethernet Ports
Create faster connections with PCs, game consoles, STB, and more

Pair Button
Instantly sync and secure all adapters on your network

Specifications

Software

· Modulation Technology: OFDM

· Security: Wireless: WPA-PSK/WPA2-PSK, WEP Encryptions,
  Powerline: 128-bit AES Encryption

· Management Tools:
  Scan the QR code to download TP-Link tpPLC App

Or download new tpPLC Utility on PCs: www.tp-link.com.

Others

· Package Contents
  AV1300 Gigabit Passthrough Powerline ac Wi-Fi KIT: 1× TL-WPA8631P, 1× TL-PA8010P
  Ethernet Cable x 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℃~40℃ (32°F~104°F)
  Operating Humidity: 10%~90% non-condensing
  Storage Humidity: 5%~90% non-condensing

For more information, please visit

http://www.tp-link.com/products/details/TL-WPA8631PKIT.html

or scan the QR code on the left