**tp-link**

# AV2000 2-port Gigabit Passthrough Powerline Starter Kit

Smooth 4K Streaming and Gaming on Multiple Devices

TL-PA9020P KIT

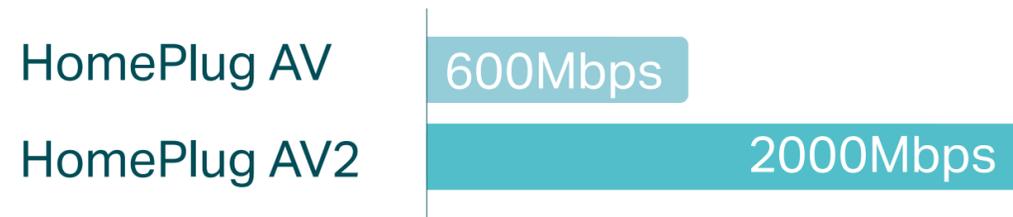**HomePlug** AV2 2000Mbps

**2x2 MIMO** Technology

**Plug, Pair and Play**

# Highlights

## HomePlug AV2 Standard Compliant

The HomePlug AV2 standard creates high-speed data transfer rates of up to 2000Mbps to support all your online activities.

HomePlug AV

600Mbps

HomePlug AV2

2000Mbps

## 2 × 2 MIMO for More Throughput over Powerline

2 × 2 MIMO technology is like adding an extra lane on a highway. It establishes multiple simultaneous connections so you can enjoy 2× faster, more stable powerline speeds.
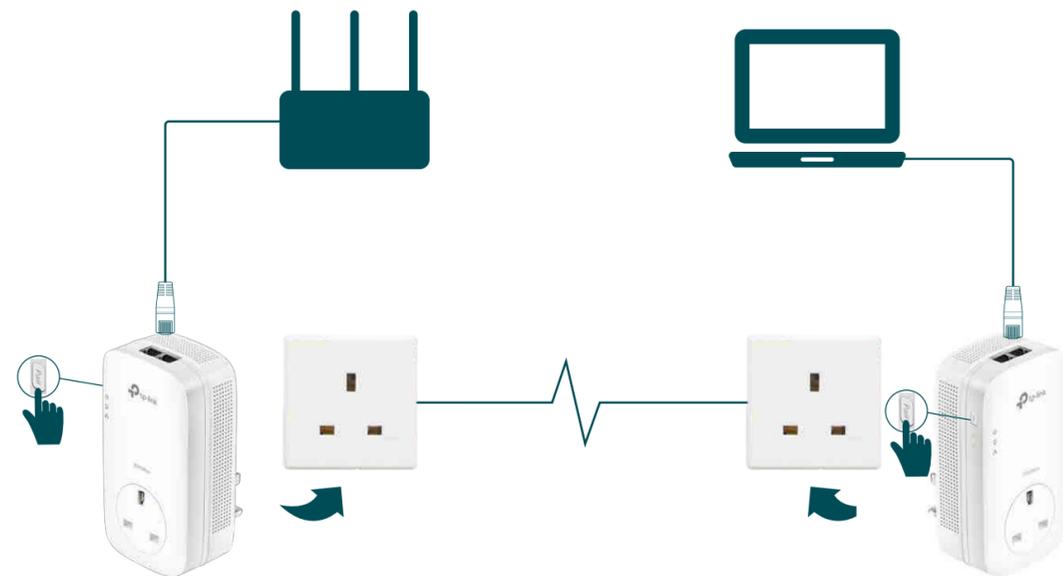
### SISO
Single-In-Single-Out
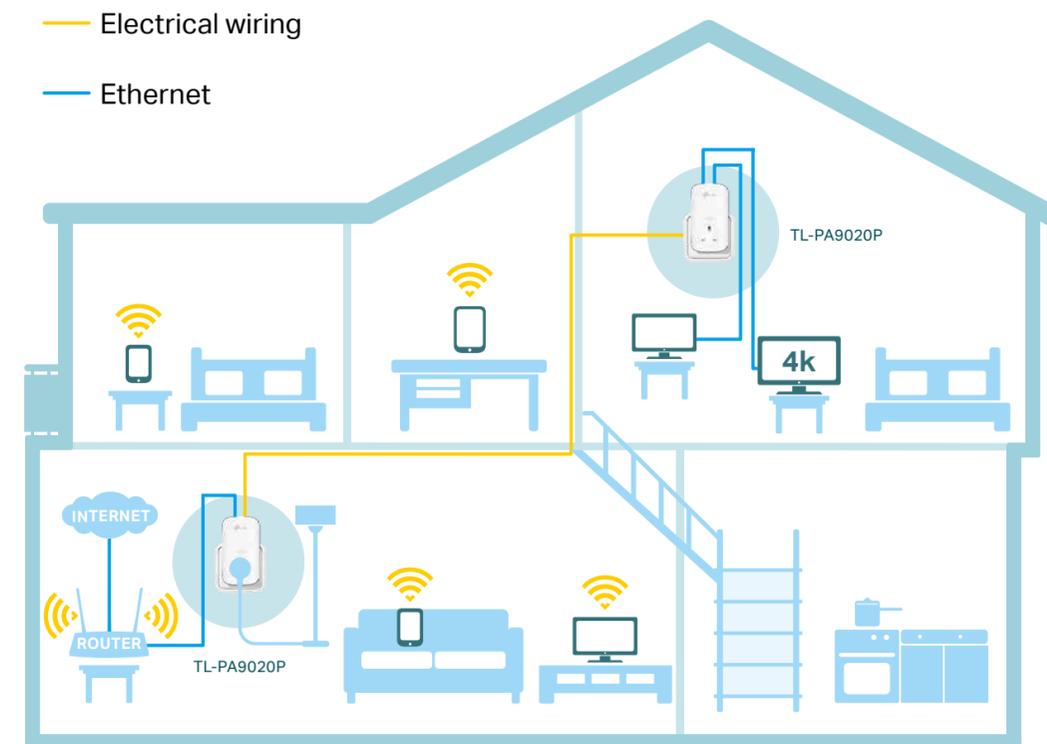
### MIMO
Multi-In-Multi-Out

# Highlights

## Plug, Pair, and Play

Powerline adapters and extenders must be deployed in a set of two or more. Simply plug them into wall outlets, pair them and enjoy the internet.

## Internet from Any Outlet

The AV2000 2-port Gigabit Passthrough Powerline Starter Kit brings internet to any area with a power outlet using your home's electrical wiring.



—— Electrical wiring

—— Ethernet

TL-PA9020P

INTERNET

ROUTER

TL-PA9020P

4k

# Features

## Speed

- **Ultra-fast Powerline Speed** – HomePlug AV2 standard compliant, high-speed data transfer rate of up to 2000Mbps, ideal for Ultra HD streaming and online gaming

- **Multiple Gigabit Ports** – 2 Gigabit Ethernet Ports allow your TVs, game consoles or PCs to connect to the internet at high speeds

## Reliability

- **Mains Filter** – Mains Filter inside the outlet reduces electrical noise interference and improves powerline communication performance

## Energy Saving

- **Power Save** – Power Saving Mode helps reducing power consumption by up to 85%

## Ease of Use

- **Plug, pair and play** – Set up your Powerline network in a matter of minutes. Simply plug, pair, and enjoy.

- **No New Wires** – No new wires, use existing electrical wiring to expand your home network

- **Extra Power Outlet** – Embedded power socket makes power accessible to other devices

## Range

- **300-meter Range** – Up to 300-meter range over the household power circuit
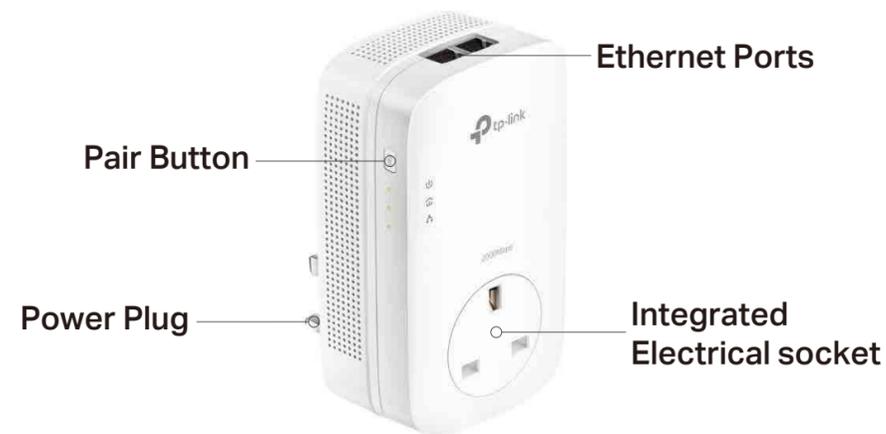
## Security

- **Pair Button** – 128-bit AES encryption easily at a push of "Pair" Button

# Specifications

## Hardware

· Plug Type: UK

· Standards and Protocols: HomePlug AV2, HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

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

· Button: Pair Button

· LED Indicator: Power, Powerline, Ethernet

· Item Dimensions (W x D x H): 5.2×2.8×1.7 in. (131 × 72 × 42 mm)

· Transmission Speeds: Powerline: up to 2000 Mbps, Ethernet: 10/100/1000 Mbps

· Power Consumption: Maximum: 5.8 W Standby: 0.5 W

**Ethernet Ports**

**Pair Button**

**Power Plug**

**Integrated Electrical socket**

For more information, please visit

http://www.tp-link.com/uk/products/details/?model=TL-PA9020P+KIT

or scan the QR code left

## Software

· Modulation Technology: OFDM

· Security: 128-bit AES Encryption

## Others

· Package Contents:

AV2000 2-port Gigabit Passthrough Powerline Adapter TL-PA9020P * 2

2-meter RJ-45 Ethernet Cable * 2

Quick Installation Guide

· Certification: CE, RoHS

· System Requirements:

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

· System Requirements for tpPLC Utility:

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

· Environment:

Operating Temperature: 0℃~40℃ (32°F~104°F)

Storage Temperature: -40℃~70℃ (-40°F ~158°F)

Operating Humidity: 10%~90% non-condensing

Storage Humidity: 5%~90% non-condensing

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