



# 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

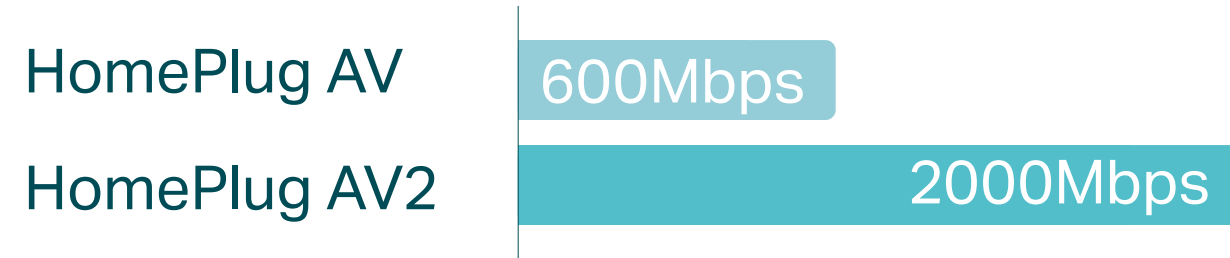


Plug, Pair  
and Play

# 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.



## 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



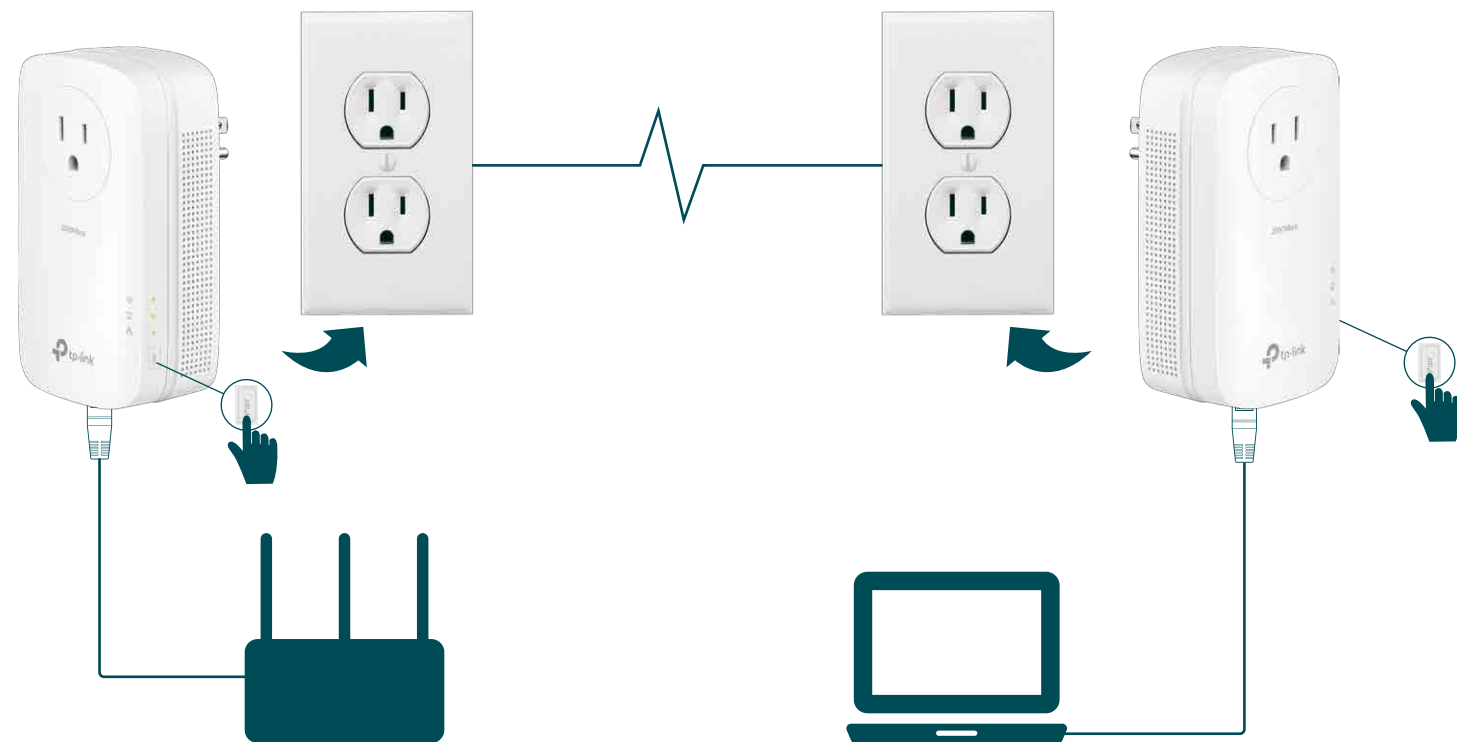
### MIMO Multi-In-Multi-Out



# Highlights

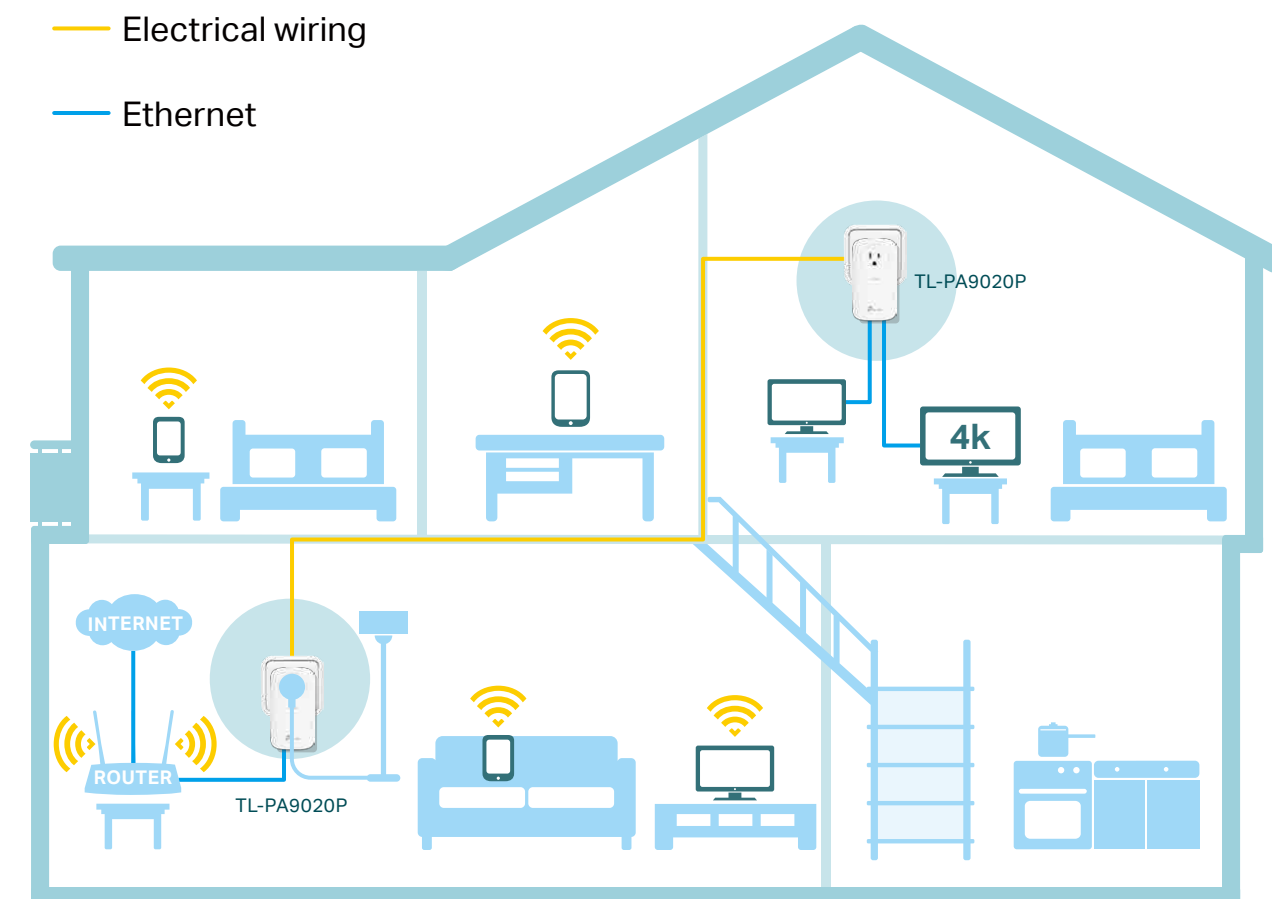
## Plug, Pair and Play

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.



# 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

## 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

## Reliability

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

## Range

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

## Energy Saving

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

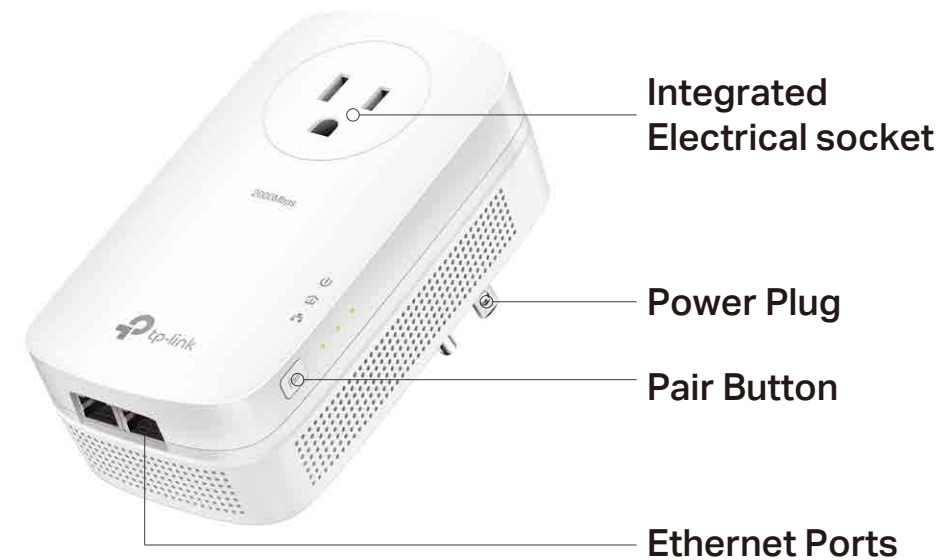
## Security

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

# Specifications

## Hardware

- Plug Type: US
- 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



For more information, please visit

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

or scan the QR code left

\* Compatible with all HomePlug AV & AV2 Standard Powerline adapters.

\* Listed HomePlug AV2 speeds refer to the theoretical maximum physical-layer data transfer rate. Actual data speeds vary and are influenced by the home's electrical/physical environment, and if adapters are placed on the same home circuit.

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## 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: FCC, 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°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