tp-link

AV2000 2-port Gigabit Passthrough Powerline Starter Kit

Smooth 4K Streaming and
Gaming on Multiple Devices

TL-PA9020P KIT

AV2
HomePlug
AV2 2000Mbps

2x2
2x2 MIMO
Technology

Plug & 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.

Gigabit Ethernet for Fast Connections

Two Gigabit Ethernet ports provide reliable high-speed wired connections for game consoles, smart TVs, STB and more.

HomePlug AV   600Mbps

HomePlug AV2   2000Mbps

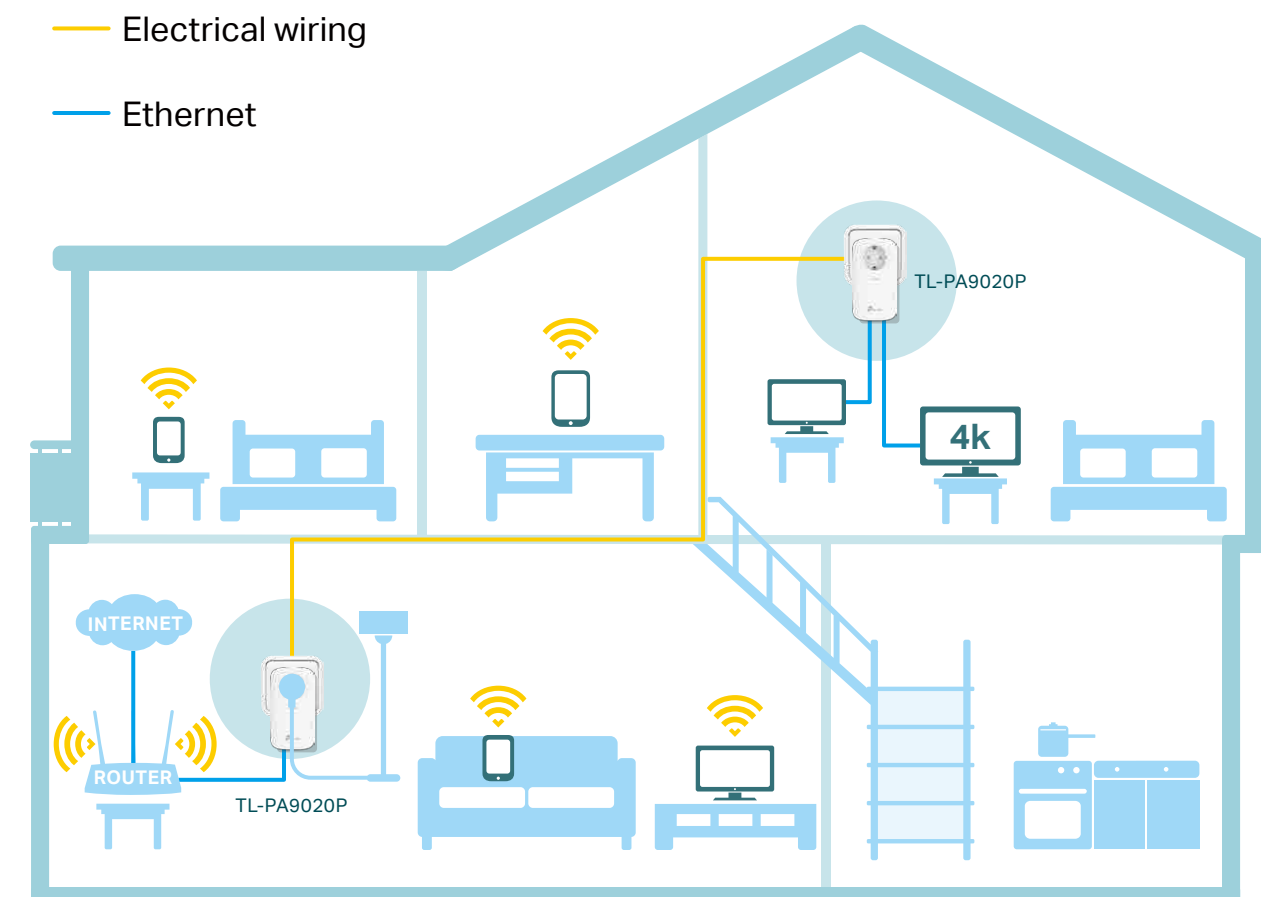High-Speed
Wired Connection

Highlights

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

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

4k

INTERNET

ROUTER

TL-PA9020P

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 & 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
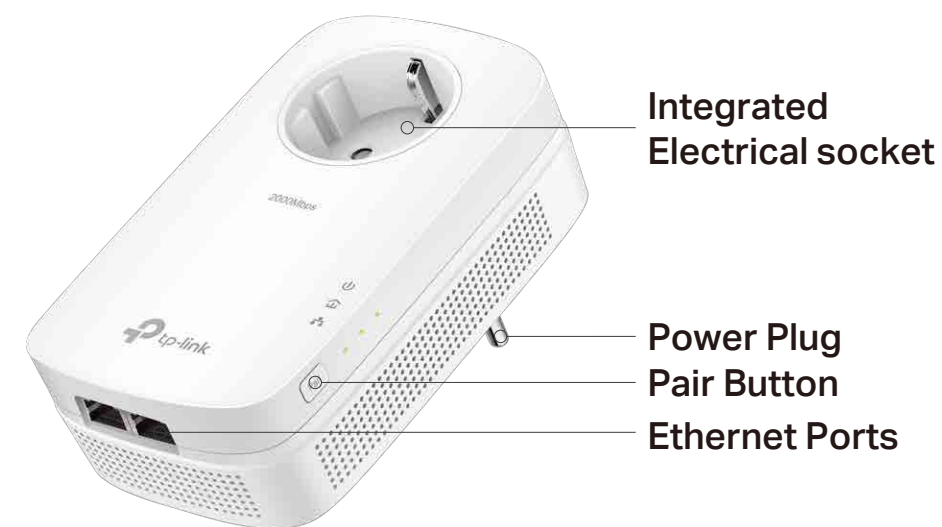
Security

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

Specifications

Hardware

· Plug Type: EU

· 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

Integrated
Electrical socket

Power Plug
Pair Button
Ethernet Ports

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

For more information, please visit

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

or scan the QR code left

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