tp-link

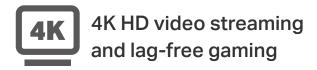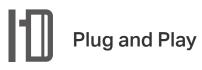# AV2000 2-port Gigabit Passthrough Powerline Starter Kit

Extend Reliable Gigabit Network Using Existing Electrical Wiring

TL-PA9020P KIT

4K 4K HD video streaming and lag-free gaming | **2x2** 2x2 MIMO Technology | Plug and Play
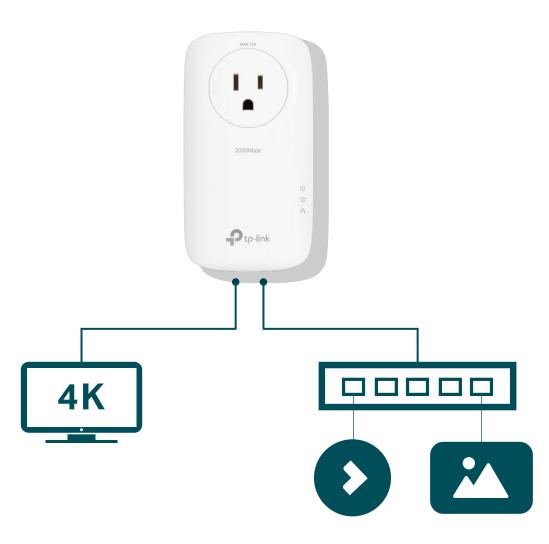
Highlights

2,000 Mbps Powerline with 2×2 MIMO[†]

Advanced HomePlug AV2 2,000 Mbps Powerline accompanied with 2×2 MIMO technology significantly improves data transfer rates, stability and coverage.

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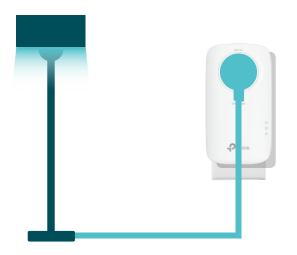
Two Gigabit Ethernet ports provide reliable high-speed wired connections for game consoles, smart TVs, STB and more.

SISO
Single-In-Single-Out

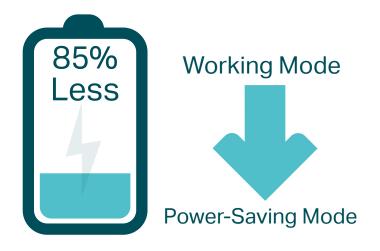**MIMO 2× Faster**
Multi-In-Multi-Out

Highlights

Don't Lose an Outlet

An integrated socket lets you power regular devices as normal, and a built-in noise filter prevents them from interrupting the powerline signal.
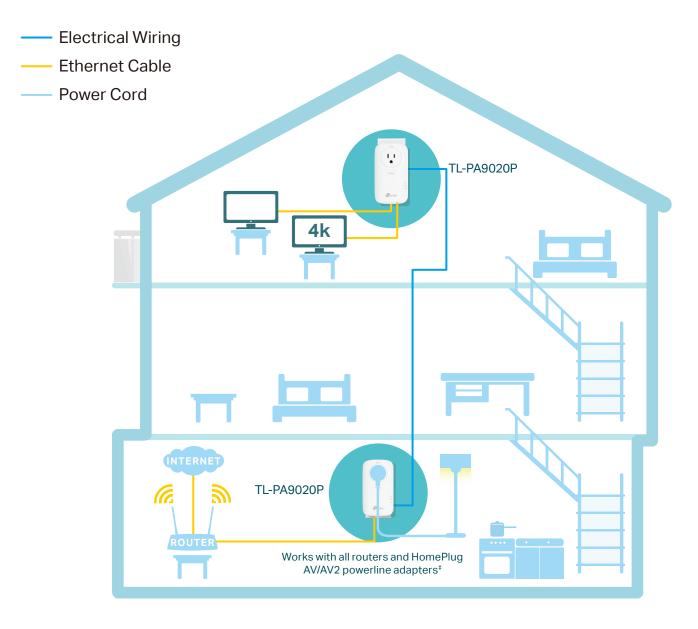
Power Saving

Automatically switches to "Power-Saving" mode when not in use, reducing its energy consumption by up to 85%.[§]

85% Less

Working Mode

Power-Saving Mode

Get Reliable Gigabit Network 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.[†]

• No need for new wires or drilling   • Network passes through walls and floors

— Electrical Wiring
— Ethernet Cable
— Power Cord

TL-PA9020P

4k

INTERNET

TL-PA9020P

ROUTER

Works with all routers and HomePlug AV/AV2 powerline adapters[‡]

Features

Speed

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

· **Gigabit Ports –** Two Gigabit Ethernet ports allow your TVs, game consoles or PCs to connect to the internet at high speeds

Range

· **300-meter Range –** Up to 300 meters/1,000 feet over existing electrical wiring†

Reliability

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

Ease of Use

· **Plug and play –** Plug and play, no configuration required

· **No new wires –** No new wires, use existing electrical wiring to expand your home network

· **Keep your outlet –** An integrated socket lets you power regular devices as normal, and a built-in noise filter prevents them from interrupting the powerline signal.

· **TP-Link tpPLC –** Allows you to easily manage your network using the tpPLC Utility

Security

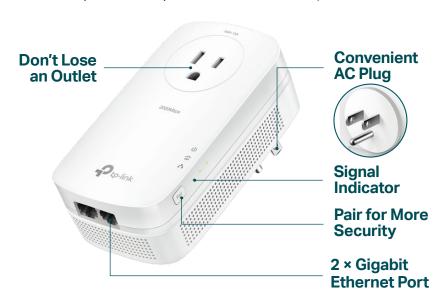· **Pair Button –** 128-bit AES encryption easily at a push of "Pair" button

Energy Saving

· **Power Saving –** Power Saving Mode helps reducing power consumption by up to 85%§

Specifications

Hardware

· Plug Type: US

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

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

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

· Range: Up to 300 meters/1,000 feet over existing electrical wiring†

· Interface: 2 x Gigabit Ethernet Port, Power Socket

· Button: Pair Button

· LED Indicator: Power, Powerline, Ethernet

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

Don't Lose an Outlet

Convenient AC Plug

Signal Indicator

Pair for More Security

2 × Gigabit Ethernet Port

For more information, please visit
https://www.tp-link.com/home-networking/powerline/tl-pa9020p-kit/
or scan the QR code left

Software

· Modulation Technology: OFDM (PLC)

· Encryption: Powerline Security: 128-bit AES

Others

· Certification: FCC, RoHS

· Package Contents:

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

  2 × Ethernet Cable

  Quick Installation Guide

· System Requirements:

  Windows 2000/XP/2003/Vista, Windows 7/8/8.1/10, Mac, 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