

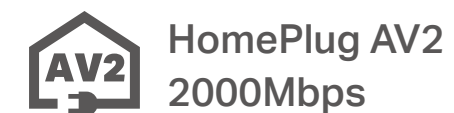


# AV2000 2-port Gigabit Powerline Starter Kit

Smooth 4K Streaming and  
Gaming on Multiple Devices



TL-PA9020 KIT



# Highlights

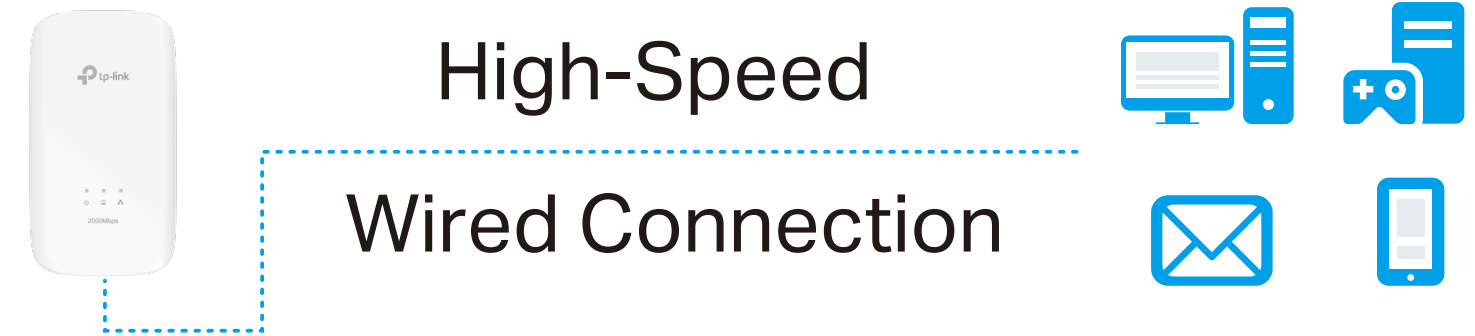
## HomePlug AV2 Standard Compliant

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.



# 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.



## Power-Saving Mode

Power-Saving mode will automatically switch from its regular "Working" mode to "Power-Saving" mode reducing its energy consumption by up to 85%.



# 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 and play – Plug and play, no configuration required
- No new wires – No new wires, use existing electrical wiring to expand your home network
- TP-Link tpPLC – Allows you to easily manage your network using the tpPLC Utility



## Range

- 300-meter Range – Up to 300 meters/1000 feet over existing electrical wiring.



## Security

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



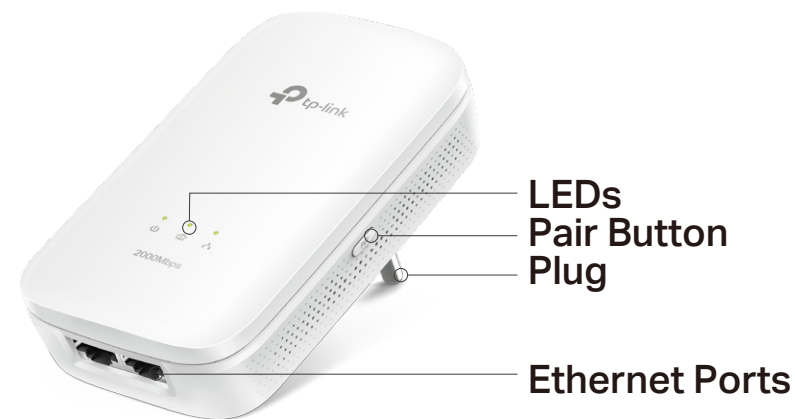
## Energy Saving

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

# Specifications

## Hardware

- Plug Type: EU
- Standards and Protocols: HomePlug AV2, HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Power Consumption: Maximum: 5.8W  
Typical: 5.6W  
Standby: <0.6W
- Range: Up to 300 meters/1000 feet over existing electrical wiring
- Interface: 2 × Gigabit Ethernet Port
- Button: Pair Button
- LED Indicator: Power, Powerline, Ethernet
- Dimensions (W x D x H): 2.68 × 1.18 × 4.85 in. (68 × 30 × 123 mm)



For more information, please visit

<http://www.tp-link.com/en/products/details/TL-PA9020-KIT.html>

or scan the QR code left

## Software

- Modulation Technology: OFDM (PLC)
- Encryption: Powerline Security: 128-bit AES

## Others

- Certification: CE, RoHS
- Package Contents:
  - 2 × Powerline Ethernet Adapter
  - 2 × 2-meter Ethernet cable (RJ45)
  - 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°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

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

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

[www.tp-link.com](http://www.tp-link.com)

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