tp-link

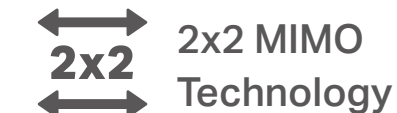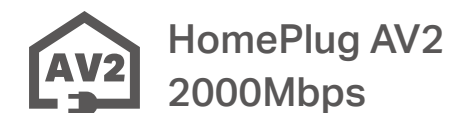# AV2000
2-port Gigabit
Powerline Starter Kit

Smooth 4K Streaming and
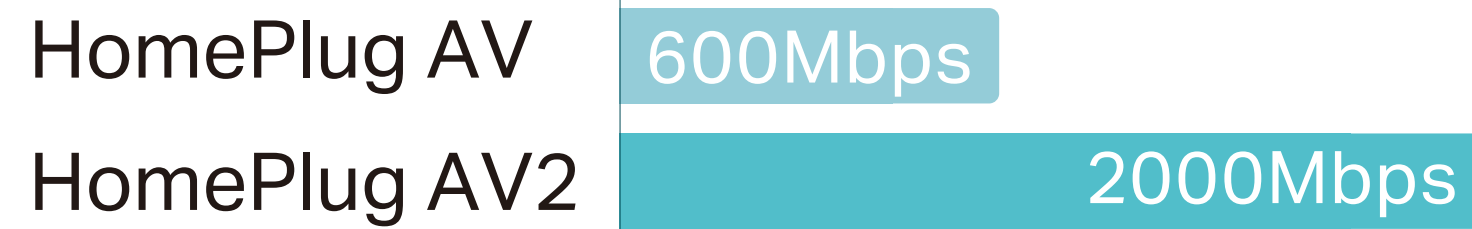Gaming on Multiple Devices

TL-PA9020 KIT

AV2 HomePlug AV2
2000Mbps

2x2 2x2 MIMO
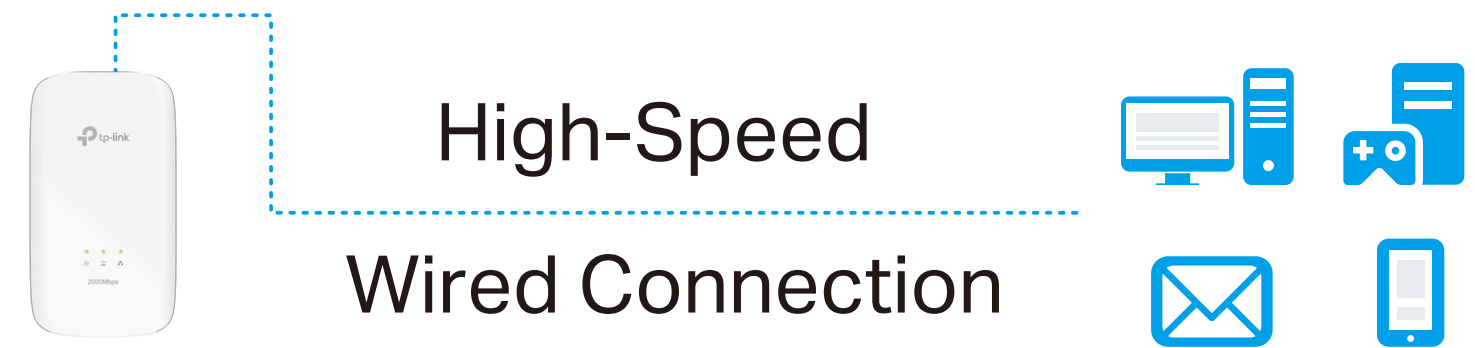Technology

Plug 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.
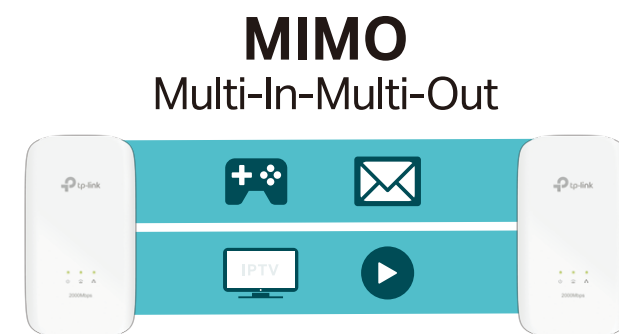
Gigabit Ethernet for Fast Connections

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.

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%.

SISO
Single-In-Single-Out

MIMO
Multi-In-Multi-Out

85% Less

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

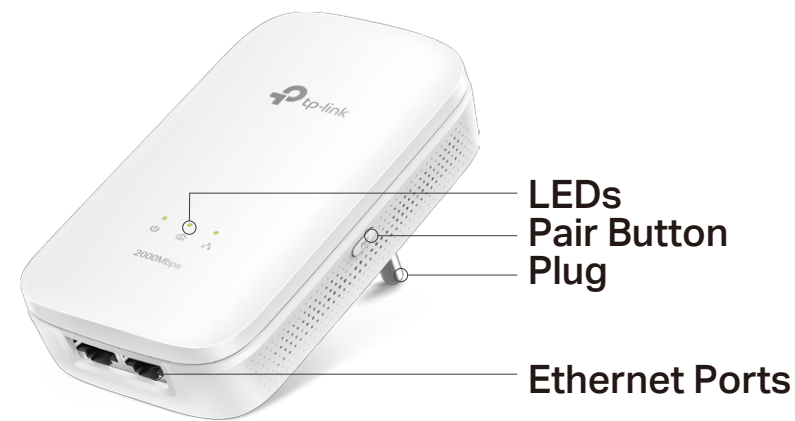- **Pair Button** – 128-bit AES encryption easily at a push of "Pair" button

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): 4.85 × 2.68 × 1.18 in. (123 × 68 × 30 mm)

LEDs
Pair Button
Plug

Ethernet Ports

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℃~40℃ (32℉ ~104℉)
Storage Temperature: -40℃~70℃ (-40℉ ~158℉)
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/TL-PA9020-KIT.html
or scan the QR code left