AV1000 Gigabit Passthrough Powerline Starter Kit

Extend Reliable Gigabit Network Using Existing Electrical Wiring



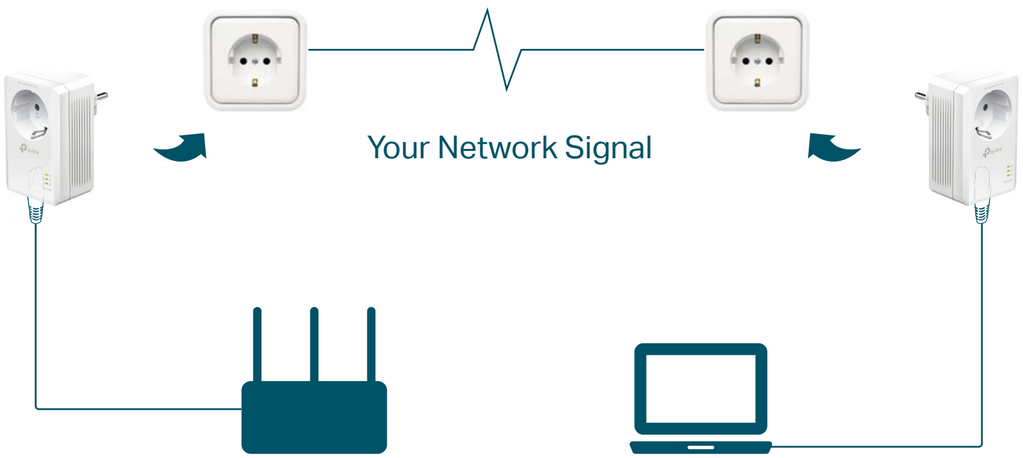
TL-PA7017P KIT

Extra Power Socket | Plug and Play | Power Saving[§]

Highlights

Plug and Play

Powerline adapters and extenders must be deployed in a set of two or more, and be connected to the same electrical circuit.



Compact Design

The ultra-compact design allows the adapter to be plugged into socket without blocking other sockets.

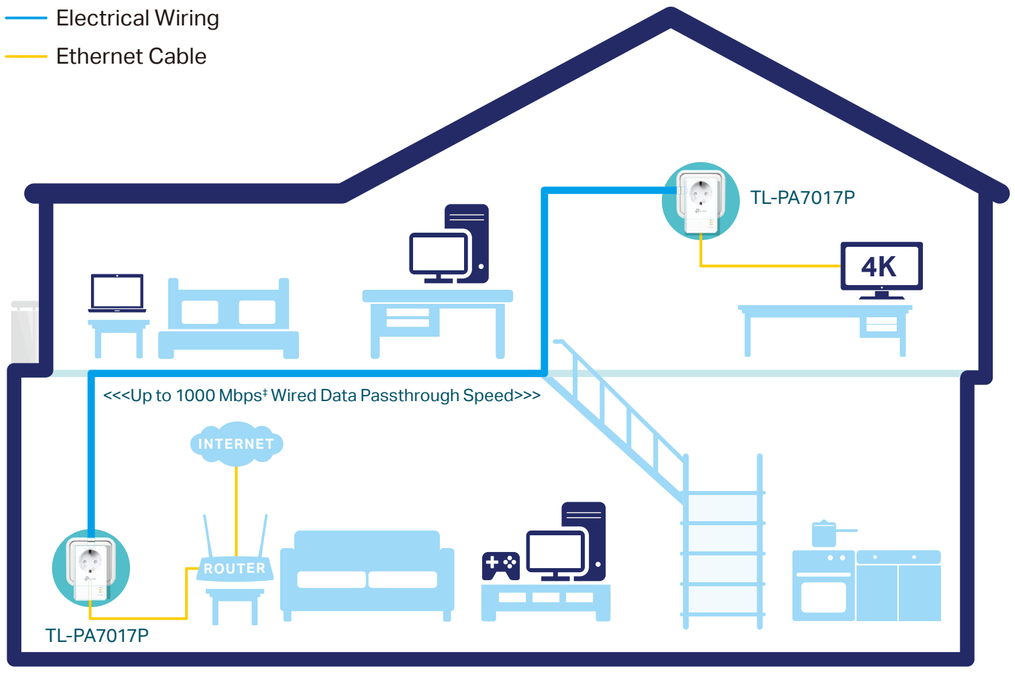


Highlights

Get Reliable Gigabit Network from Any Outlet

AV1000 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



Gigabit Ethernet for Fast Connections

The Gigabit Ethernet port provides reliable high-speed wired connections for game consoles, smart TVs, STB and more.

High-Speed

Wired Connection

Features

Speed

- Ultra-fast Powerline Speed – HomePlug AV2 standard compliant, high-speed data transfer rate of up to 1000 Mbps, ideal for Ultra HD streaming and online gaming
- Gigabit Ethernet Port – Provides warp-speed wired connection for 4K HD video streaming, lag-free gaming and more.

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: EU
- Standards and Protocols: HomePlug AV2, HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Power Consumption: Maximum: 3.26W, Typical: 2.58W, Standby: 0.83W
- Compatibility: Compatible with any powerline adapters /extenders and routers†
- Coverage: Connects more devices by adding more adapters or connecting an access point or a switch
- Range: 300 meters/1,000 feet over electrical circuit
- Interface: Gigabit Ethernet Port, Power Socket
- Button: Pair Button
- LED Indicator: Power, Powerline, Ethernet
- Dimensions (W x D x H): 2.3 × 1.7 × 3.7 in (58 × 42 × 95 mm)



For more information, please visit
https://www.tp-link.com/products/details/?model=TL-PA7017P+KIT_V4
or scan the QR code left

Software

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

Others

- Certification: CE, RoHS
- Package Contents:

  AV1000 Gigabit Passthrough Powerline Adapter

  2 × TL-PA7017P

  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°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

Specifications are subject to change without notice. TP-Link is a registered trademark of TP-Link Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright ©2020 TP-Link Technologies Co., Ltd. All rights reserved.
† Compatible with all HomePlug AV and AV2 Standard Powerline adapters. This product may not be compatible with routers or gateways with firmware that has been altered, is based on open source programs, or are non-standard or outdated.
‡ Maximum Powerline signal rates are the physical rates derived from HomePlug AV/AV2 specifications. Actual Powerline data throughput and Powerline range are not guaranteed and will vary as a result of network conditions and environmental factors, including electrical interference, volume of traffic and network overhead, AFCI circuit breaker, and Powerline being in a separate circuit.
§ Actual power saving data will vary because of the network conditions and environment factors.