



# AV1000 Gigabit Powerline Starter Kit

Extend Reliable Gigabit Network  
Using Existing Electrical Wiring



TL-PA7017 KIT



HomePlug AV2  
1000Mbps



Compact Design



Power Saving



Plug and Play



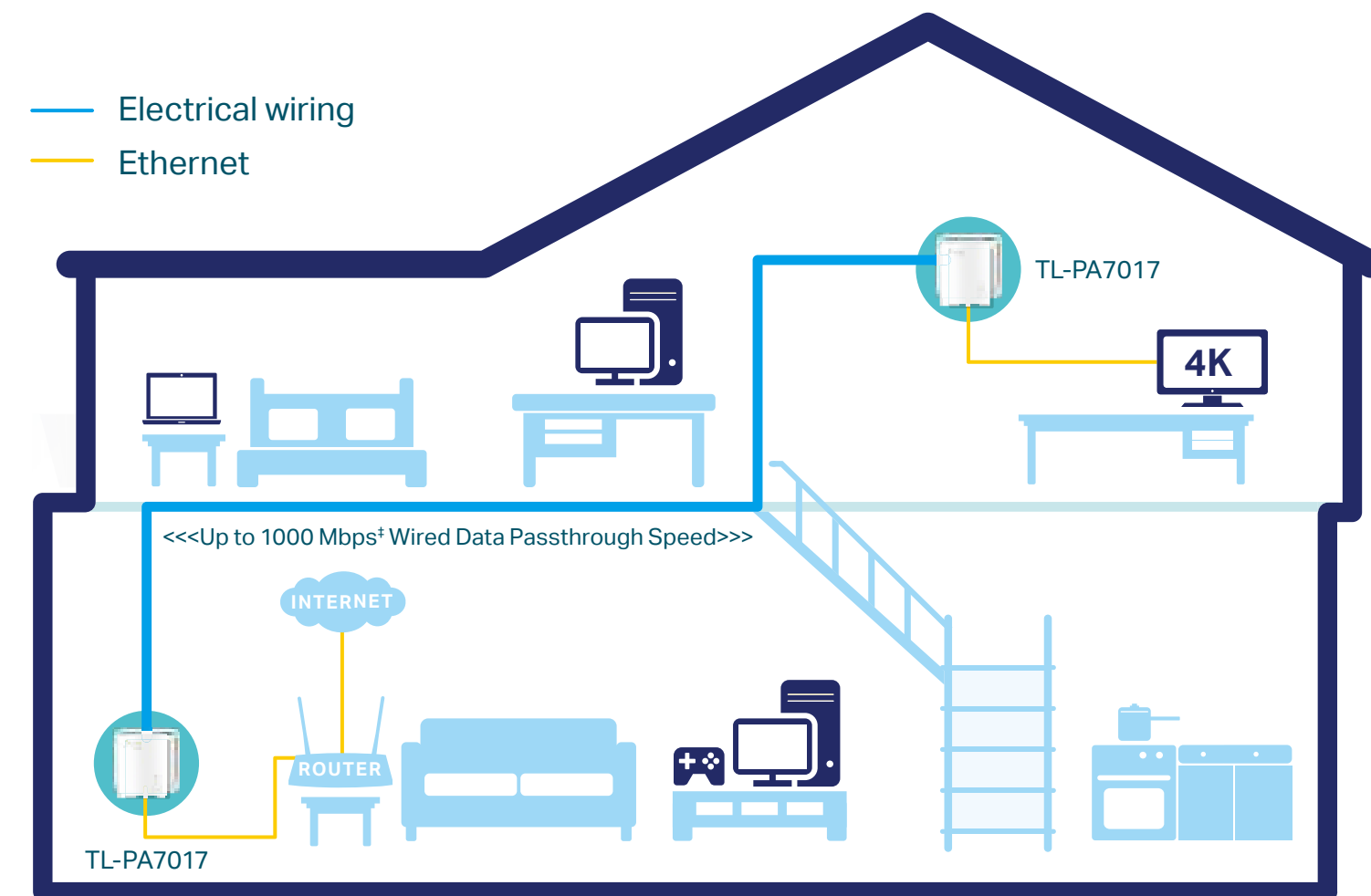
Gigabit Ethernet

# Highlights

## Get Reliable Gigabit Network from Any Outlet

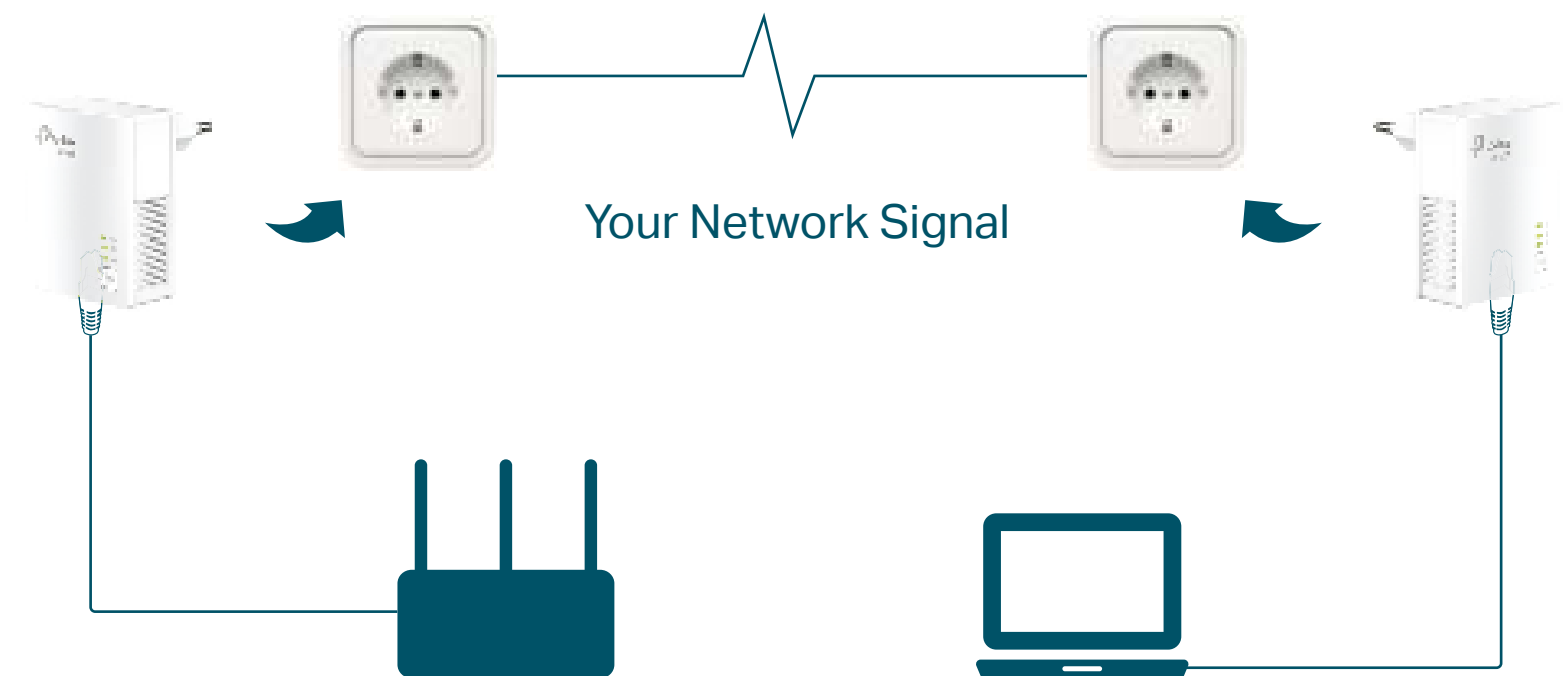
The AV1000 Gigabit Powerline Starter Kit brings internet to any area with a power outlet using your home's electrical wiring.

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



## Plug and Play

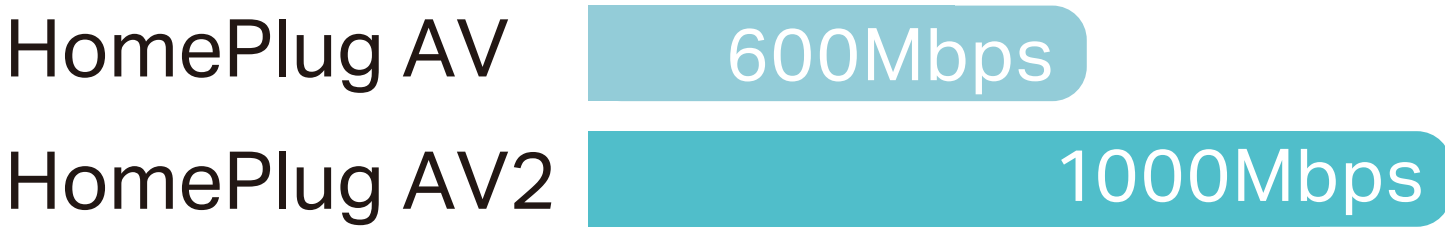
Powerline adapters and extenders must be deployed in a set of two or more, and be connected to the same electrical circuit.



# Highlights

## HomePlug AV2 Standard Compliant

The HomePlug AV2 standard creates high-speed data transfer rates of up to 1000Mbps<sup>†</sup> to support all your online activities.



## Compact Design

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



# Features



## Speed

- Ultra-fast Powerline Speed – HomePlug AV2 standard compliant, high-speed data transfer rate of up to 1000Mbps, ideal for Ultra HD streaming and online gaming
- Gigabit Ethernet for Reliable Connections– One Gigabit Ethernet port provides reliable high-speed wired connections for game consoles, smart TVs, STB and more.



## Range

- 300-meter Range – Up to 300-meter range over the household power circuit.



## Energy Saving

- Power Saving<sup>s</sup>– Automatically switches to Power-Saving mode when not in use, reducing its energy consumption by up to 85%.



## Ease of Use

- Plug and Play – Allows setup of your powerline network in minutes, so you can enjoy fast, seamless wired and wireless connections right away
- 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 intuitive tpPLC App or the tpPLC Utility



## Security

- Pair Button – Press the “Pair” button on each adapter to create a more secure network.

# 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: 2.7W (220V/50Hz)  
Typical: 2.3W (220V/50Hz)  
Standby: 0.5W (220V/50Hz)
- Range:  
Up to 300 meters/1000 feet over existing electrical wiring<sup>†</sup>
- Interface:  
1 \* Gigabit Ethernet Port
- Button:  
Pair/Reset button
- LED Indicator:  
Power, Powerline, Ethernet
- Dimensions (W x D x H):  
2.0 × 1.1 × 2.6 in (52 × 28.5 × 65 mm)
- Compatibility:  
Compatible with any powerline adapters /extenders and routers<sup>†</sup>



### Convenient AC Plug



### Pair for More Security

Instantly secure all adapters on your network

### Gigabit Ethernet Port

Provide warp-speed wired connection for 4K HD video streaming, lag-free gaming and more

# Specifications

## Software

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

## Others

- Certification: CE, RoHS
- System Requirements:  
Windows 2000/XP/2003/Vista/7/8/8.1/10, Mac, Linux
- 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

## Package Contents

- 2 × AV1000 Gigabit Powerline Adapter TL-PA7017
- 2 × Ethernet Cable
- 1 × Quick Installation Guide



For more information, please visit  
<https://www.tp-link.com/en/home-networking/powerline/tl-pa7017-kit/>  
or scan the QR code left

For support and warranty, please visit: <http://www.tp-link.com/support>  
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† 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.