AV1000 Gigabit Powerline ac Wi-Fi Kit

AC750 Wi-Fi to Power Up Your Network

TL-WPA7517 KIT

Plug & Play

Ideal for 4K HD Streaming and Lag-Free Gaming

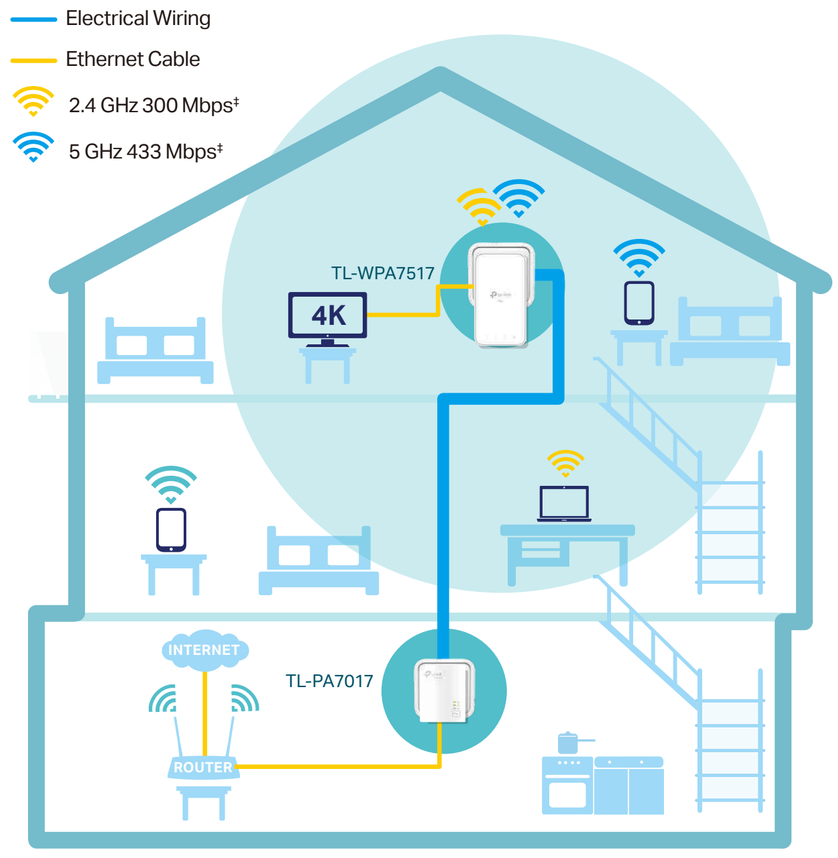
One-Touch Wi-Fi Configuration

Highlights

Easily Extend Fast, Reliable Wi-Fi to Every Room

The AV1000 Gigabit Powerline ac Wi-Fi 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

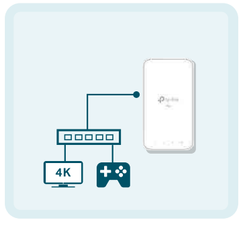


HomePlug AV2 Standard Compliant

Provides users with stable, high-speed data transfer rates of up to 1000 Mbps on a line length of up to 300 meters.†

One-Touch Wi-Fi Configuration

With just a tap, copy your router's wireless settings onto the extender to share the same SSID and password.



Gigabit Ethernet for Reliable Connections

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

Easy Setup and Management

Quickly set up a secured Powerline network with Plug & Play and easily manage it via the tpPLC app, Utility, and/or Web Interface.

Features

Speed

- Wireless AC Standard – AC750 dual band Wi-Fi (433Mbps on 5GHz & 300Mbps on 2.4GHz) allows streaming, gaming, emailing, browsing and posting on your wireless devices, throughout your home
- HomePlug AV2 – Provides up to 1000Mbps high-speed data transmission over a home's existing electrical wiring
- Gigabit Ethernet Ports – Provide reliable high-speed wired connections for game consoles, smart TVs, and NAS
- Speed Optimization – Supports IGMP managed multicast IP transmission, optimizing IPTV streaming

Ease of Use

- Wi-Fi Auto-Sync – Simply copy your router's Wi-Fi settings and apply any changes across the secure powerline network with Wi-Fi Clone and Wi-Fi Move
- TP-Link tpPLC – Allows you to easily manage your network using the intuitive tpPLC App or the tpPLC Utility
- Plug, Pair, and Play – Quickly set up a secured Powerline network

Security

- Pair Button – Provides a connection with 128-bit AES encryption, at the touch of a "Pair" button
- Parental Controls – Manage when and how connected devices can access the internet
- Encryptions for Secure Network – WPA-PSK / WPA2-PSK encryptions provide active protection against security threats

Range

- 300 Meters Range – Up to 300 meters / 1000 feet range over the existing household power circuit

Specifications

Hardware

- Transmission Speeds:

  Powerline: Up to 1000 Mbps

  Ethernet: 10/100/1000 Mbps

- Standards and Protocols:

  HomePlug AV2, HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.11b/g/n (2.4GHz), IEEE 802.11a/n/ac (5GHz)

- Interface: TL-WPA7517: 1 Ethernet Port; TL-PA7017: 1 Ethernet Port
- Plug Type: EU
- Button: Pair, Reset, Wi-Fi Clone, LED On/Off
- LED Indicator: Power, Powerline, Ethernet, Wi-Fi (2.4GHz), Wi-Fi (5GHz)
- Dimensions (W x D x H):

  TL-WPA7517: 2.7 × 1.4 × 4.9 in. (69.5 × 35 × 124.1 mm)

  TL-PA7017: 2.0 × 1.1 × 2.6 in. (52 × 28.5 × 65 mm)

- IGMP: IGMP v1/v2/v3
- Power Consumption:

  TL-WPA7517: Maximum: 11W, Typical: 6.5W

  TL-PA7017: Maximum: 2.9W, Typical: 2.6W

- Range: Up to 300 meters/1000 feet over existing electrical wiring
- Compatibility:

  Compatible with all HomePlug AV & AV2 standard powerline adapters

Convenient AC Plug

Pair Button

Instantly sync and secure all adapters on your network

LED On/Off Button

Wi-Fi Button

One-touch Wi-Fi configuration automatically copies your router's name and password

Gigabit Ethernet Ports

Create faster connections for PCs, game consoles, STBs, and more

Specifications

Software

- Modulation Technology: OFDM
- Security:

  Wireless: WPA-PSK / WPA2-PSK, WEP Encrptions

  Powerline: 128-bit AES Encryption
- Management Tools:

  tpPLC: Scan the QR code to download TP-Link tpPLC App

  Download on the App Store

  GET IT ON Google Play

  Or download new tpPLC Utility on PCs: www.tp-link.com.

Others

- Package Contents

  AV1000 Powerline Wi-Fi Kit: TL-WPA7517 & TL-PA7017

  Ethernet Cable × 2

  Quick Installation Guide
- Certification

  CE, RoHS
- System Requirements

  Windows 10/8.1/8/7/Vista/XP, Mac OS, Linux
- System Requirements for tpPLC Utility

  Windows 10/8.1/8/7/Vista/XP and Mac OS X (10.7 or later)
- Environment

  Operating Temperature: 0°C~40°C (32°F~104°F)

  Operating Humidity: 10%~90% non-condensing

For more information, please visit
http://www.tp-link.com/en/products/details/TL-WPA7517-KIT.html
or scan the QR code on the left.

†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 located in a separate circuit.
‡Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.
§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.
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