



AV1000 Gigabit Powerline ac Wi-Fi Kit

AC750 Wi-Fi to Power Up
Your Network

TL-WPA7510 KIT



HomePlug
AV2 1000Mbps



300Mbps + 433Mbps
Dual Band Wi-Fi

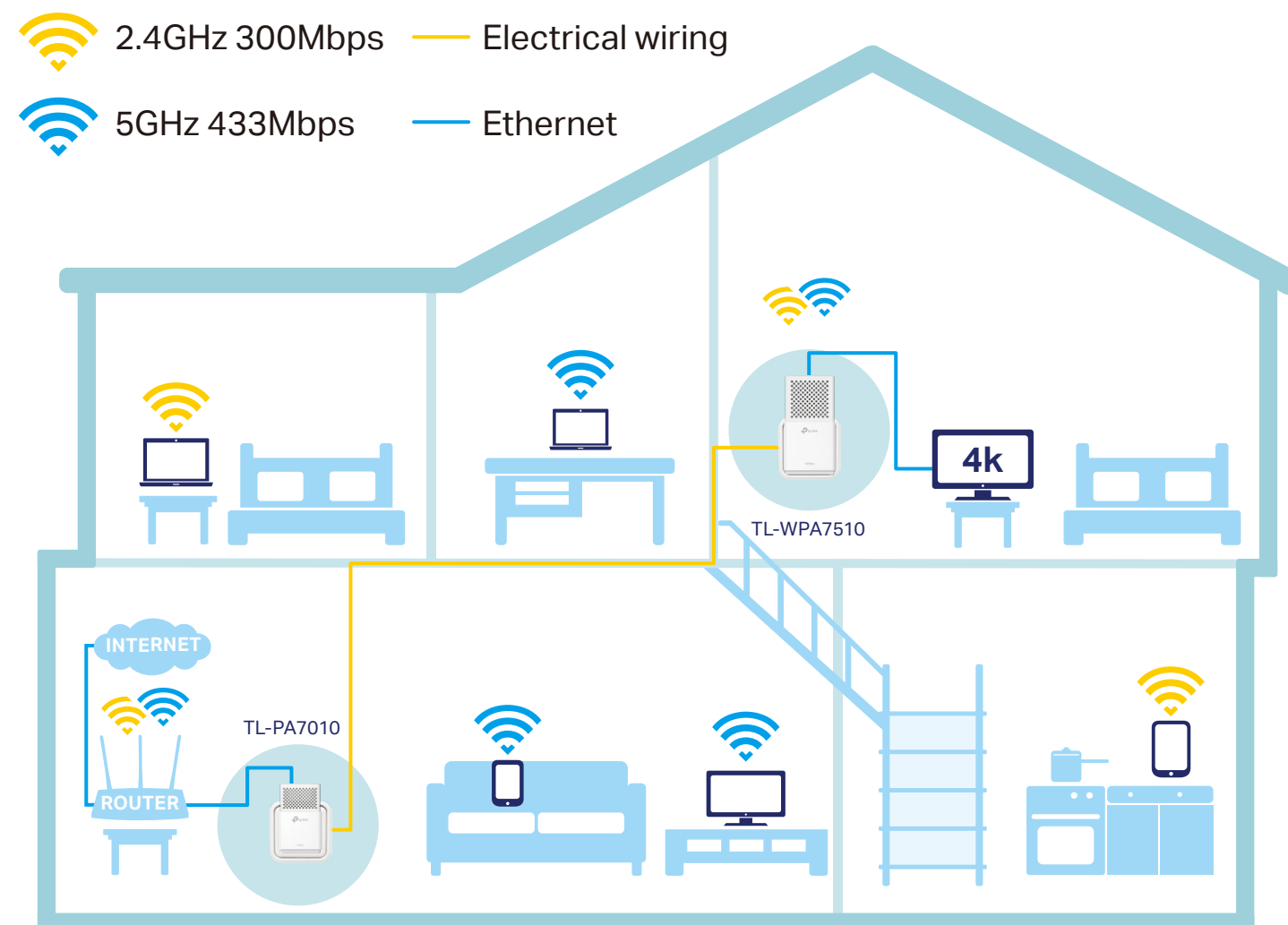


Wi-Fi
Auto-Sync

Highlights

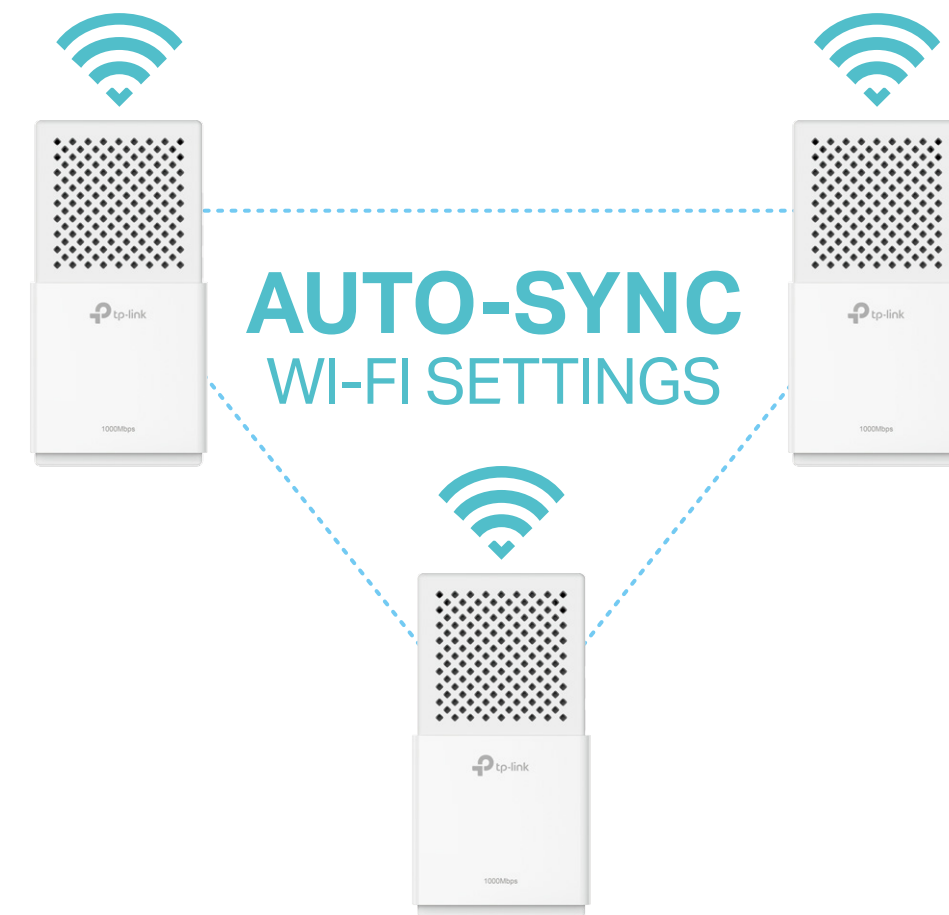
HomePlug AV2 Standard Compliant

HomePlug AV2 provides users with stable, high-speed data transfer rates of up to 1000Mbps on a line length of up to 300 meters.



Wi-Fi Auto-Sync for A Unified, Powerful Network

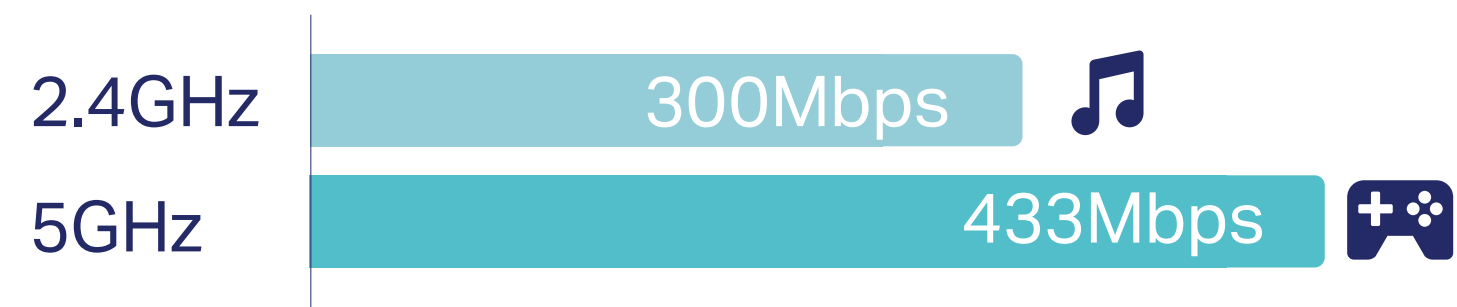
Powerline extenders simply copy your router's Wi-Fi settings and apply any changes across the secure powerline network with Wi-Fi Clone and Wi-Fi Move.



Highlights

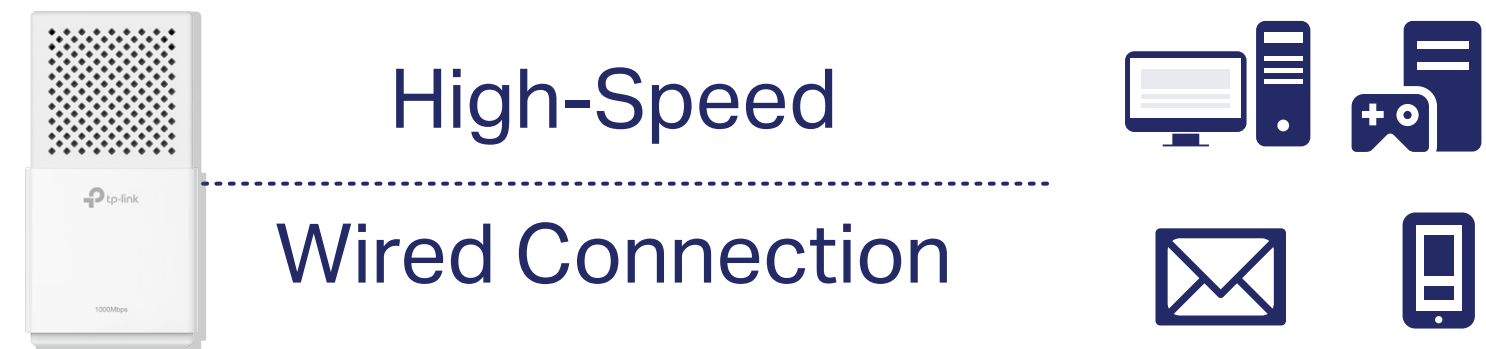
Fast Dual Band Wi-Fi for Every Need in Every Room

300Mbps (2.4GHz) is ideal for browsing the web and video chatting, while 433Mbps (5GHz) is perfect for HD streaming and lag-free gaming.



Gigabit Ethernet for Fast Connections

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



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 Port** – Provides reliable high-speed wired connections for game consoles, smart TVs, and NAS
- **Speed Optimization** – Supports IGMP managed multicast IP transmission, optimizing IPTV streaming

Wi-Fi Range

- **Expansive Coverage** – Utilizes any household powercircuit to deliver data over distances of up to 300 meters

Ease of Use

- **Wi-Fi Clone** – Allows powerline extenders to copy the network name (SSID) and password from your router with one simple touch
- **Wi-Fi Auto-Sync** – Automatically adopts Wi-Fi settings from your existing powerline network
- **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

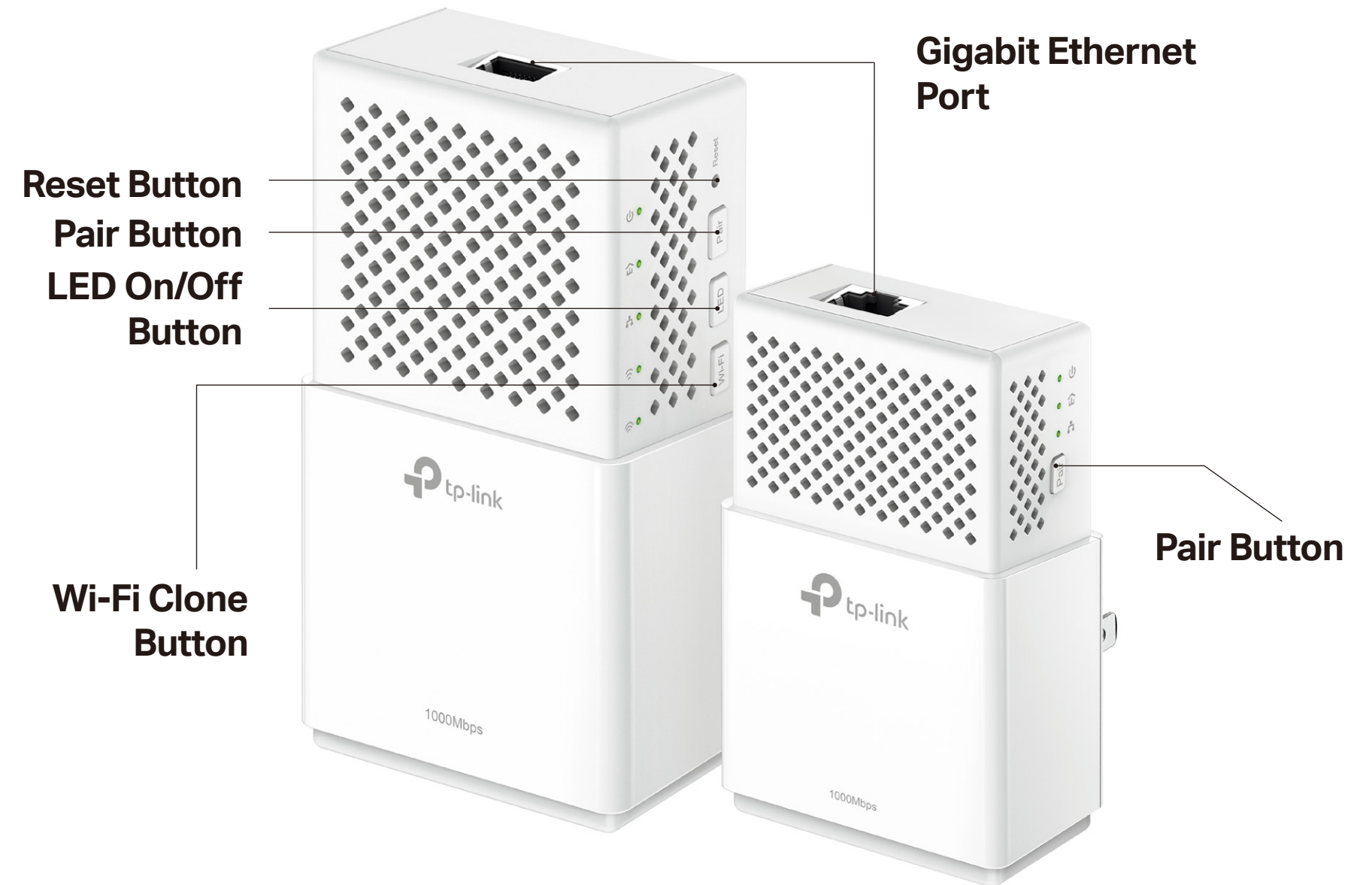
Security

- **Pair Button** – Provides a connection with 128-bit AES encryption, at the touch of "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

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 802.3, IEEE 802.3ab, IEEE 802.11b/g/n (2.4GHz), IEEE 802.11a/n/ac (5GHz)
- Interface: 1 Ethernet Port
- Plug Type: US
- 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-WPA7510: 5.3 × 2.8 × 1.9 in. (135.6 × 70.8 × 49 mm)
 - TL-PA7010: 3.8 × 2.4 × 1.4 in. (98 × 60 × 36 mm)
- IGMP: IGMP v1/v2/v3
- Power Consumption:
 - Maximum: 8.2W
 - Typical: 6.5W
 - Standby: 3.5W
- Range: Up to 300 meters over existing electrical wiring
- Compatibility:
 - Compatible with all HomePlug AV & AV2 Standard Powerline adapters



Specifications

Software

- Modulation Technology: OFDM
- Security:
Wireless: WPA-PSK / WPA2-PSK, WPA / WPA2, WEP Encrptions
Powerline: 128-bit AES Encryption
- Management Tools:

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



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

Others

Package Contents

- AV1000 Powerline Wi-Fi Kit: TL-WPA7510 & TL-PA7010
- 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)
- Storage Temperature: -40°C~70°C (-40°F~158°F)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing



For more information, please visit
https://www.tp-link.com/us/products/details/cat-5509_TL-WPA7510-KIT.html
or scan the QR code on the left.

* 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. 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 ©2016 TP-Link Technologies Co., Ltd. All rights reserved.

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