**tp-link**

# AC750 Wi-Fi
# Range Extender
# AV1000 Powerline Edition

## AC750 Wi-Fi to Power Up
## Your Network

**TL-WPA7510 KIT**

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1000Mbps

1000Mbps

**HomePlug AV2**
**1000Mbps**

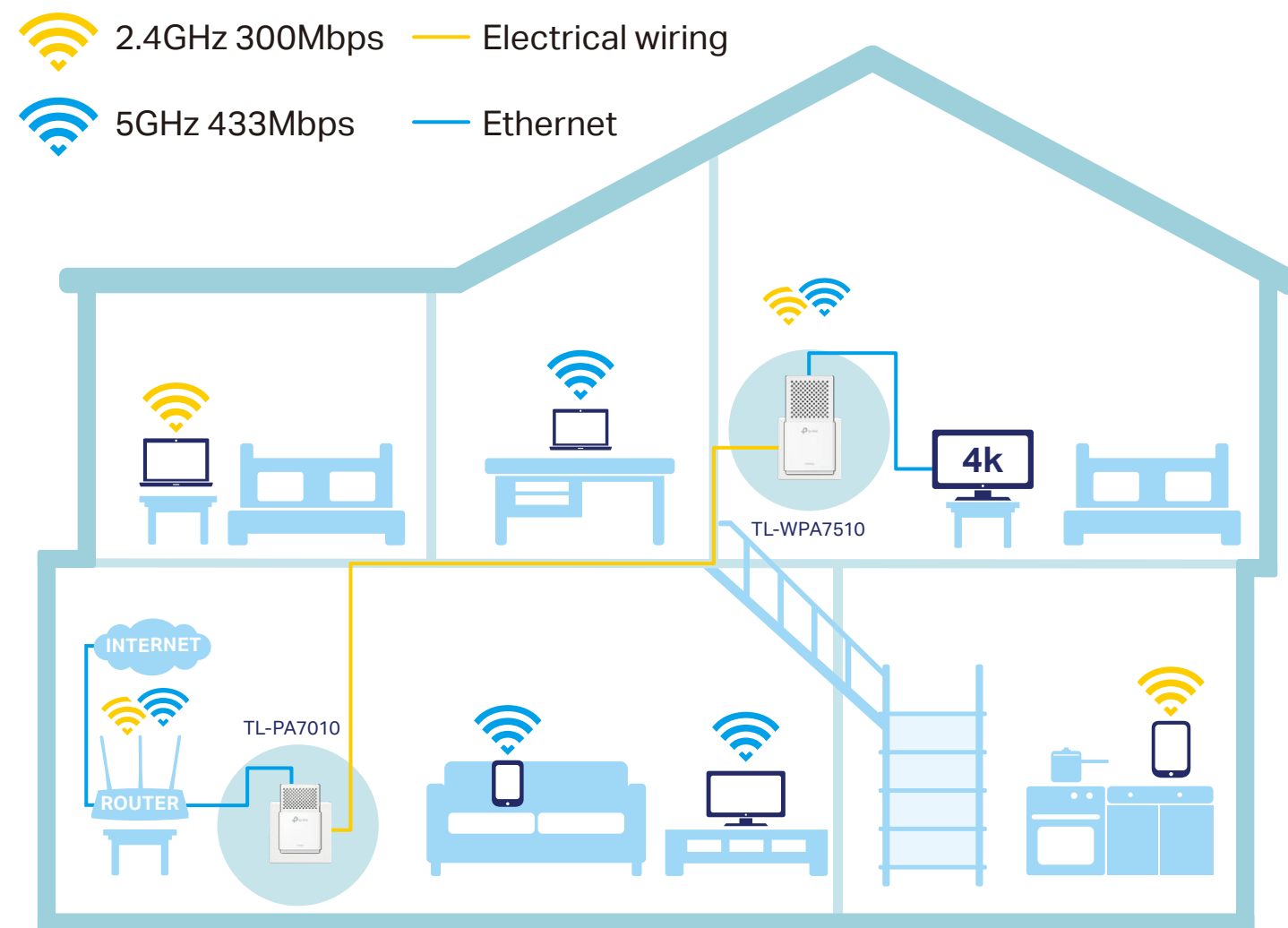**300Mbps + 433Mbps**
**Dual Band Wi-Fi**
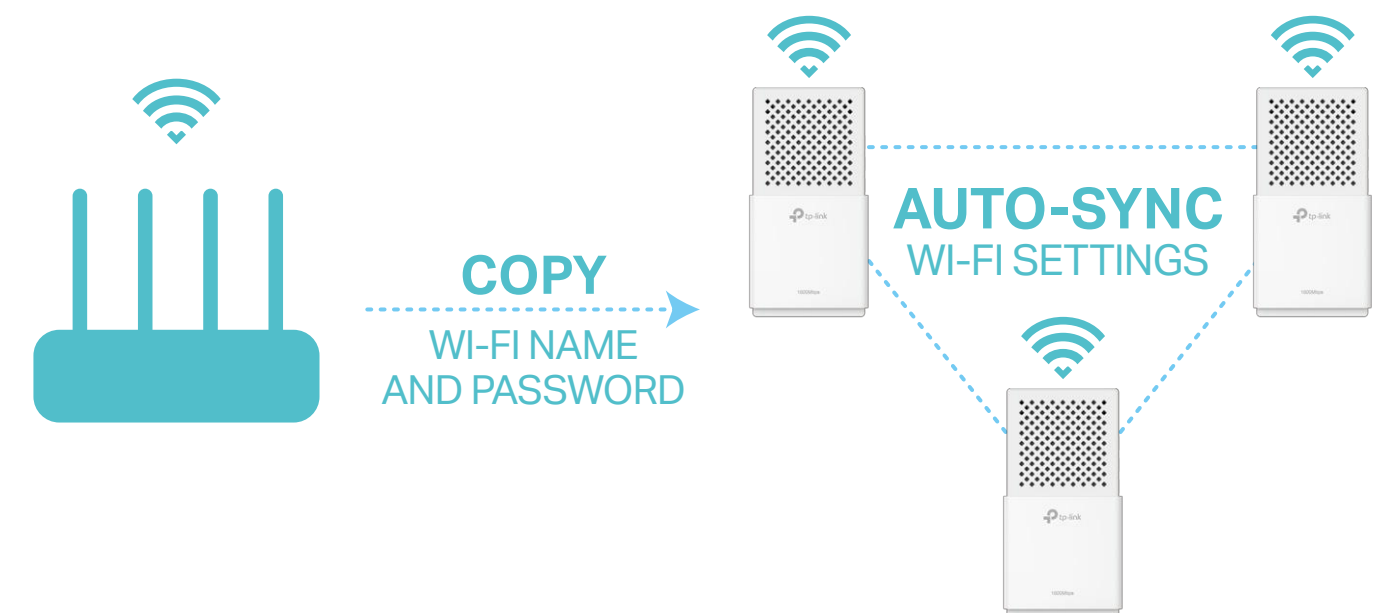
**Wi-Fi**
**Auto-Sync**

# 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.

2.4GHz 300Mbps — Electrical wiring

5GHz 433Mbps — Ethernet

4k

TL-WPA7510

INTERNET

TL-PA7010

ROUTER

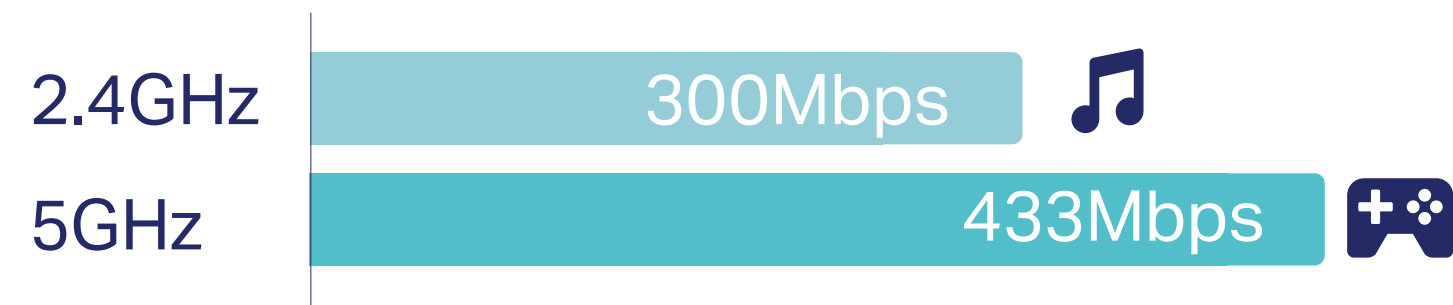## Wi-Fi Auto-Sync for A Unified, Powerful Network

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.

COPY
WI-FI NAME
AND PASSWORD

AUTO-SYNC
WI-FI SETTINGS

TP-Link   AC750 Wi-Fi Range Extender, AV1000 Powerline Edition   TL-WPA7510 KIT
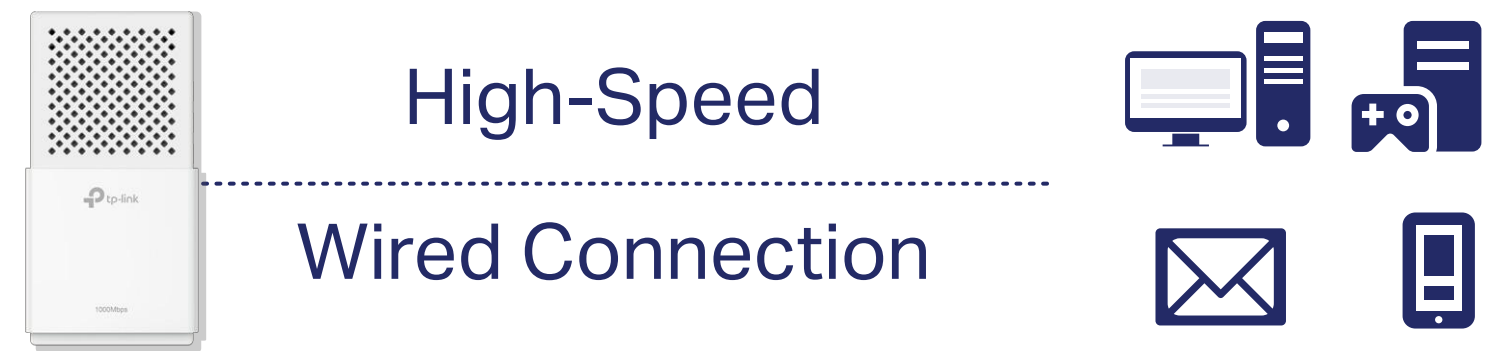
# Highlights

## 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.

2.4GHz — 300Mbps

5GHz — 433Mbps

High-Speed

Wired Connection

# 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

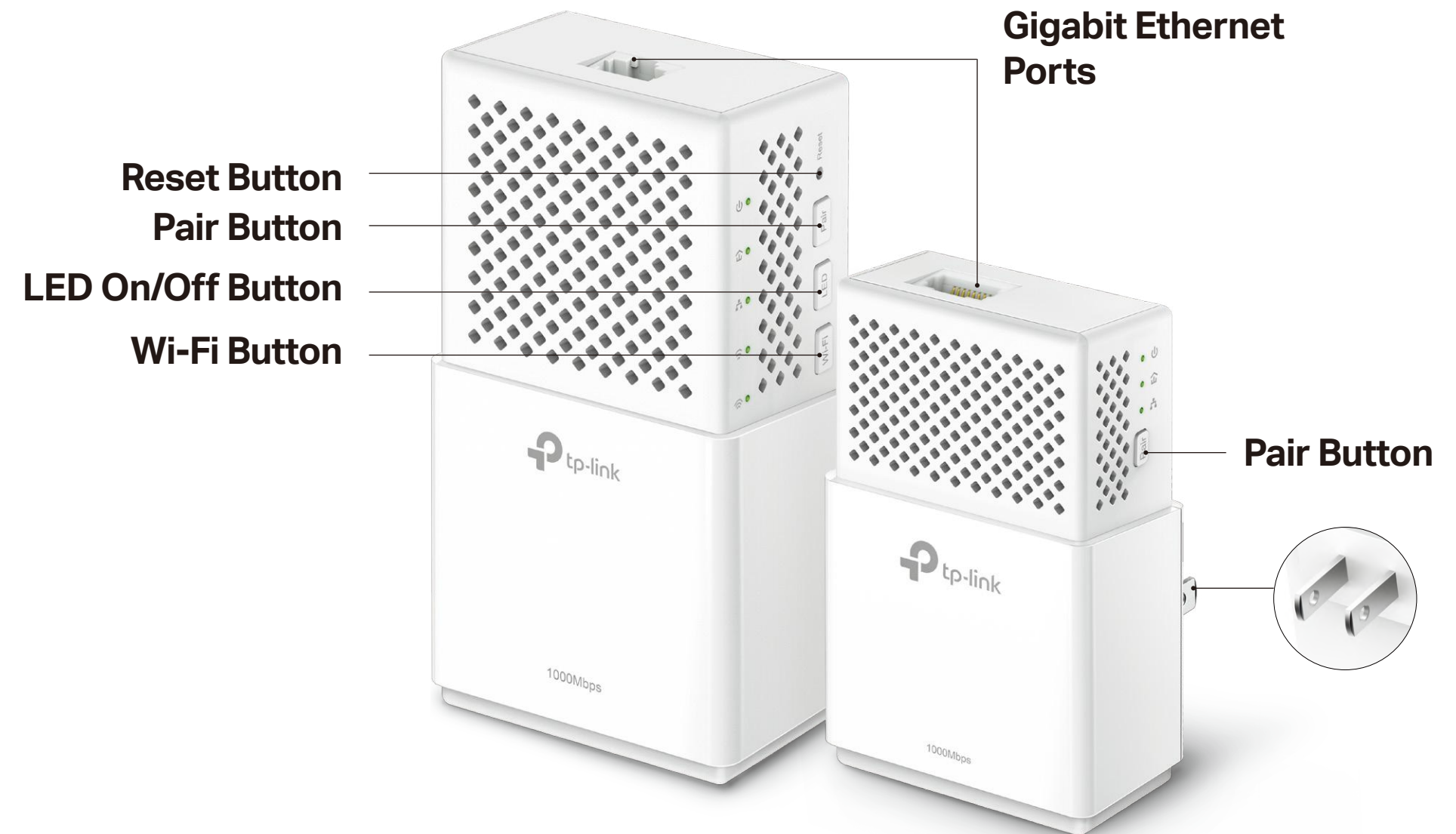· **Plug, Pair, and Play** – Quickly set up a secured Powerline network

## 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-WPA7510: 1 Ethernet Port; TL-PA7010: 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:

   TL-WPA7510: Maximum: 9.6W, Typical: 6.5W

   TL-PA7010: Maximum: 2.93W, Typical: 2.9W

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

· Compatibility:

   Compatible with all HomePlug AV & AV2 standard powerline adapters

**Gigabit Ethernet Ports**

**Reset Button**

**Pair Button**

**LED On/Off Button**

**Wi-Fi Button**

**Pair Button**

1000Mbps

1000Mbps

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# 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

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

## Others

· Package Contents

AC750 Wi-Fi Range Extender, AV1000 Powerline Edition:
TL-WPA7510 & TL-PA7010

Ethernet Cable × 2

Quick Installation Guide

· Certification

FCC, 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/TL-WPA7510-KIT.html
or scan the QR code on the left.