TP-Link TL-WPA7510 KIT(TL-WPA7510 KIT)

TP-Link TL-WPA7510 KIT - V2 - Powerline Wi-Fi Kit - bridge - GigE,HomePlug AV (HPAV),HomePlug AV (HPAV) 2.0,IEEE 1901 - 802.11a/b/g/n/ac - Dual Band - wall-pluggable - with TP-Link TL-PA7010

TL-WPA7510 KIT transforms your home's existing electrical circuit into a Gigabit network,and brings wired and wireless network to anywhere there is a power outlet.

Key Selling Points

Homeplug AV2 standard compliant - high-speed data transfer rates,supports all your online needs
Dual-band 802.11ac Wi-Fi - extends 2.4GHz (300Mbps) + 5GHz (433Mbps) dual-band Wi-Fi speeds to every room of your house
One-touch Wi-Fi configuration - Wi-Fi Clone button simplifies your Wi-Fi configuration and helps build a seamless unified home network
Gigabit Ethernet port provides reliable high-speed wired connections for gaming or streaming
Plug and Play - set up your powerline network and start enjoying fast,seamless wired/wireless connection in minutes

Product Features

AV1000 speeds and 300 meters range

Using advanced HomePlug AV2 technology,TL-WPA7510 KIT ensures stable and high-speed Wi-Fi and wired connection,providing fast data transmissions over the electrical wiring for ranges up to 300 meters. Stream in HD,game online and download large files without interruption thanks to reliable powerline links.

Dual-band AC750 Wi-Fi

With the 802.11ac Wi-Fi technology,you can create a dual-band Wi-Fi network with more bandwidth and less interference,maximizing the performance of your Powerline network.

Gigabit Ethernet for fast wired connections

One Gigabit Ethernet port provides reliable high-speed wired connection for a bandwidth intensive device,such as game consoles,smart TVs,STB and more,or connects multiple devices by adding a switch.

Plug and Play

Ditch the complicated setup process for good. Get started with powerline in just two steps.

One-touch Wi-Fi configuration

Instantly copy the wireless network name (SSID) and password from your router by pressing the Wi-Fi Clone button. Besides,any changes made to the Wi-Fi settings of any powerline adapter will be automatically applied across the entire Powerline network.

Powerline management on your smartphone

Manage your powerline Wi-Fi through tpPLC app from your smartphone (Android,iOS).

Main Specifications

Product Description	TP-Link TL-WPA7510 KIT - v2 - Powerline Wi-Fi Kit - bridge - 802.11a/b/g/n/ac - wall-pluggable - with TP-Link TL-PA7010
Device Type	Bridge - with TP-Link TL-PA7010
Enclosure Type	Wall-pluggable
Data Link Protocol	Ethernet,Fast Ethernet,Gigabit Ethernet,IEEE 802.11b,IEEE 802.11a,IEEE 802.11g,IEEE 802.11n,HomePlug AV (HPAV),HomePlug AV (HPAV) 2.0,IEEE 1901,IEEE 802.11ac
Frequency Band	2.4 GHz / 5 GHz
Data Transfer Rate	1000 Mbps
Network / Transport Protocol	CSMA/CA
Routing Protocol	IGMPv2,IGMP,IGMPv3
Features	Quality of Service (QoS),reset button,Type of Service (ToS),Wi-Fi Clone button,LED on/off button,pair button

Compliant Standards	IEEE 802.3,IEEE 802.3u,IEEE 802.3ab,IEEE 802.11b,IEEE 802.11a,IEEE 802.11g,IEEE 802.11n,HomePlug AV,HomePlug AV 2.0,IEEE 1901,IEEE 802.11ac
Power	AC 230V (50 Hz)
Dimensions (WxDxH)	7.08 cm x 4.9 cm x 13.56 cm
System Requirements	Apple MacOS,Linux,Microsoft Windows XP / Vista / 7 / 8 / 8.1 / 10

Extended Specification

General

Device Type	Bridge - with TP-Link TL-PA7010
Enclosure Type	Wall-pluggable
Connectivity Technology	Wireless,wired
Data Link Protocol	Ethernet,Fast Ethernet,Gigabit Ethernet,IEEE 802.11b,IEEE 802.11a,IEEE 802.11g,IEEE 802.11n,HomePlug AV (HPAV),HomePlug AV (HPAV) 2.0,IEEE 1901,IEEE 802.11ac
Frequency Band	2.4 GHz / 5 GHz
Data Transfer Rate	1000 Mbps
Max Range Indoors	300 m
Network / Transport Protocol	CSMA/CA
Routing Protocol	IGMPv2,IGMP,IGMPv3
Encryption Algorithm	128-bit AES
Authentication Method	Radio Service Set ID (SSID)
Wi-Fi Rating	AC750
Features	Quality of Service (QoS),reset button,Type of Service (ToS),Wi-Fi Clone button,LED on/off button,pair button
Compliant Standards	IEEE 802.3,IEEE 802.3u,IEEE 802.3ab,IEEE 802.11b,IEEE 802.11a,IEEE 802.11g,IEEE 802.11n,HomePlug AV,HomePlug AV 2.0,IEEE 1901,IEEE 802.11ac,Plug and Play,FCC,RoHS
Status Indicators	Port status,power,powerline,2.4/5 GHz

Line Properties

Line Coding Format	OFDM

Expansion / Connectivity

Interfaces	1 x 10Base-T/100Base-TX/1000Base-T - RJ-45 1 x HomePlug AV 2.0

Power

Power Device	Internal power supply
Voltage Required	AC 230V (50 Hz)
Power Consumption Operational	8 Watt

Miscellaneous

Cables Included	2 x network cable - 2 m
Software / System Requirements	
OS Required	Apple MacOS,Linux,Microsoft Windows XP / Vista / 7 / 8 / 8.1 / 10

Dimensions &Weight

Width	7.08 cm
Depth	4.9 cm
Height	13.56 cm

Dimensions &Weight (Shipping)

Shipping Width	23 cm
Shipping Depth	19 cm
Shipping Height	10 cm

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90% (non-condensing)