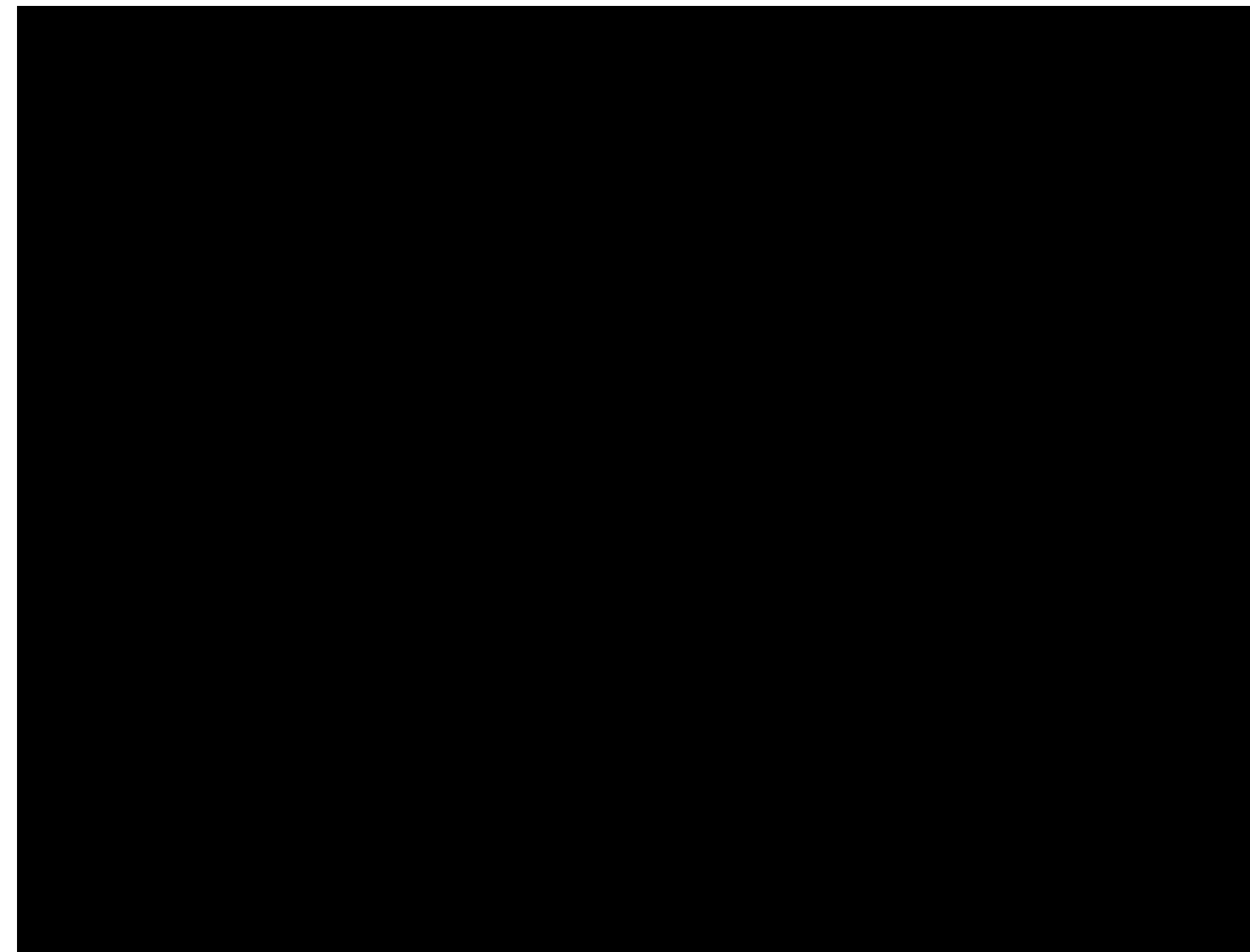




# AV1000 2-port Gigabit Powerline Starter Kit

---

Smooth HD Streaming  
on Multiple Devices



TL-PA7020 KIT



HomePlug AV2  
1000Mbps



Gigabit  
Ethernet

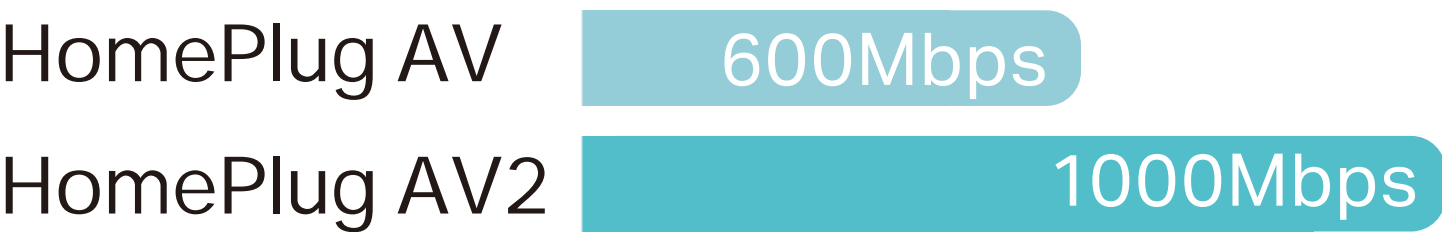


Plug and play

# Highlights

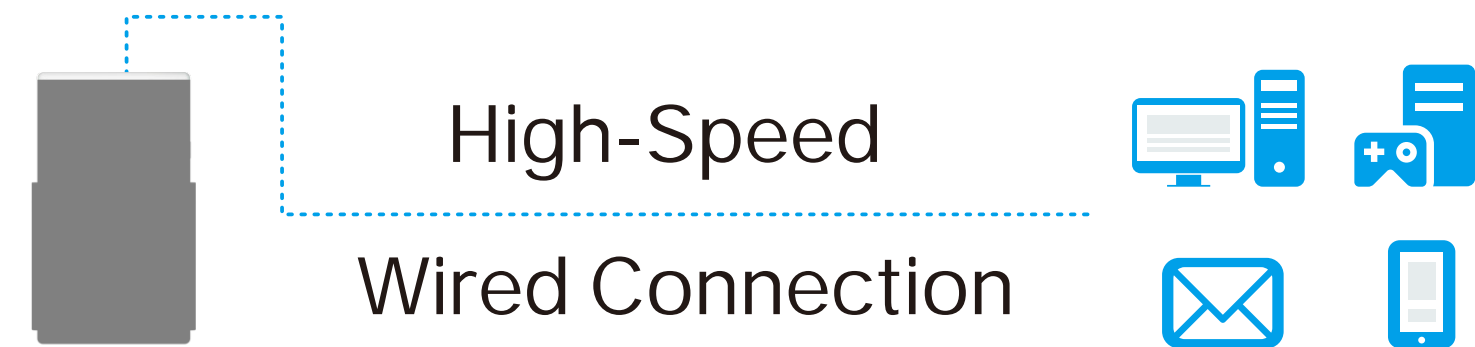
## HomePlug AV2 Standard Compliant

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



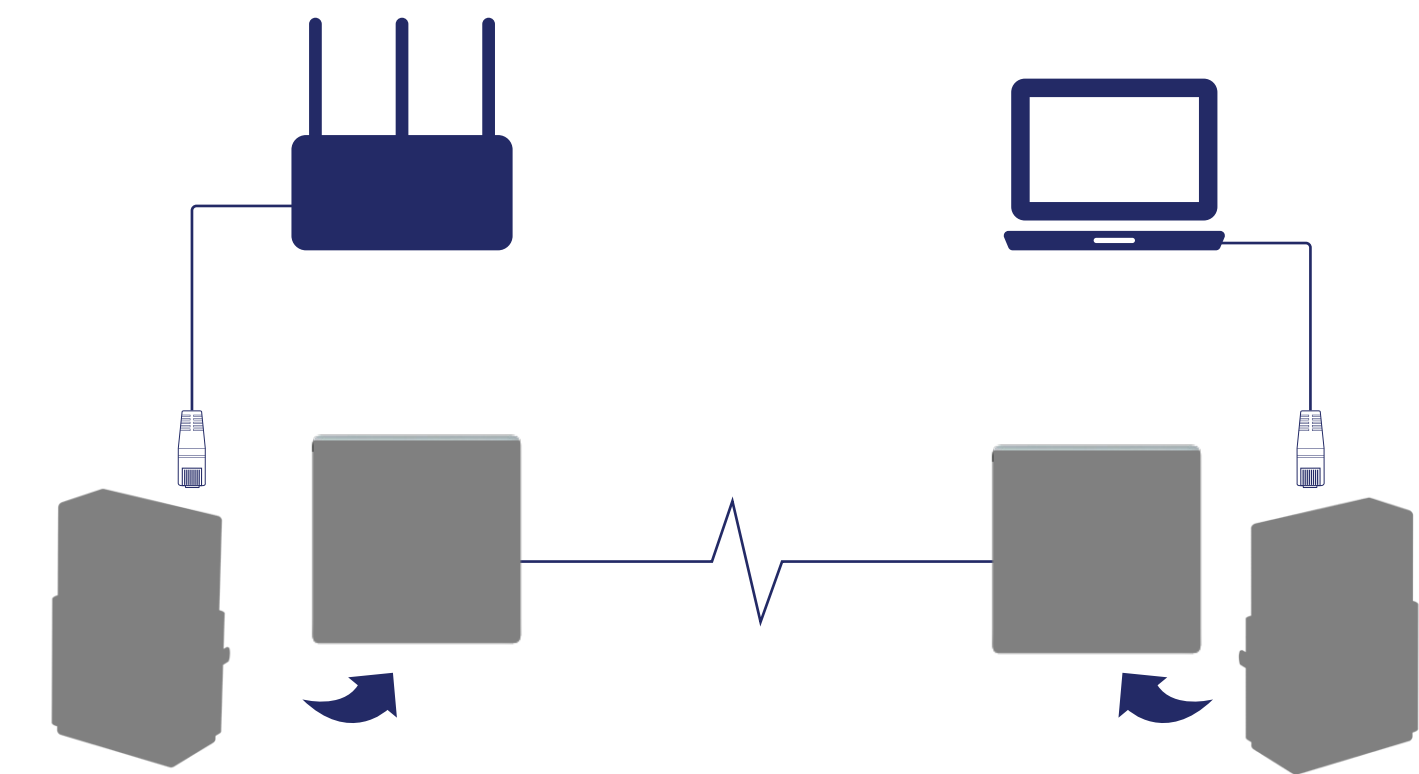
## Gigabit Ethernet for Fast Connections

Two Gigabit Ethernet ports provide reliable high-speed wired connections for game consoles, smart TVs, STB and more.



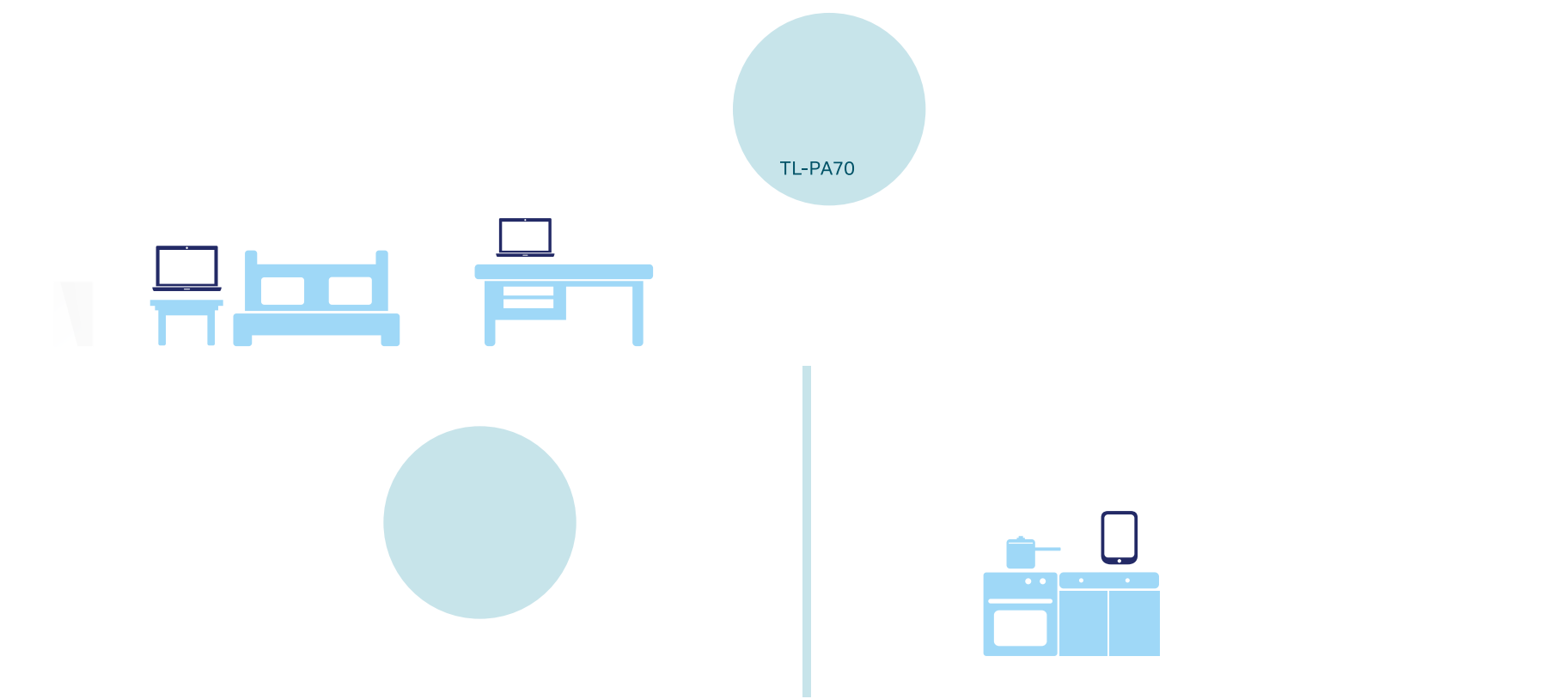
# Highlights

Plug and Play!



Powerline adapters and extenders must be deployed in a set of two or more.

Internet from Any Outlet



Electrical wiring

# 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
- **Multiple Gigabit Ports** – 2 Gigabit Ethernet Ports allow your TVs, game consoles or PCs to connect to the internet at high speeds



## Range

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



## Energy Saving

- **Power Saving** – Power Saving Mode helps reducing power consumption by up to 85%



## Ease of Use

- **Plug and play** – Plug and play, no configuration required
- **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 tpPLC Utility



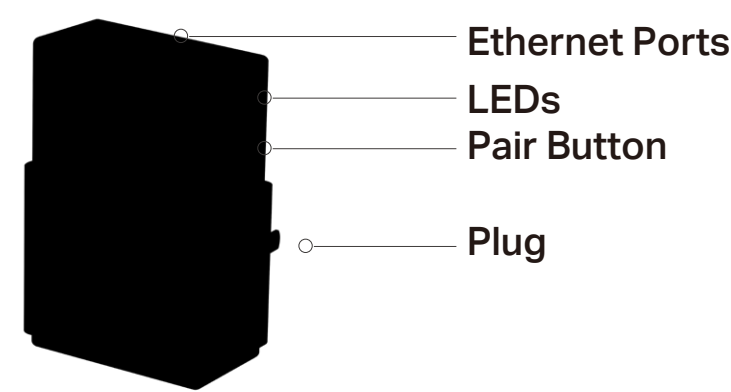
## Security

- **Pair Button** – 128-bit AES encryption easily at a push of "Pair" button

# Specifications

## Hardware

- Plug Type: US
- Standards and Protocols: HomePlug AV2, HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Power Consumption: Maximum: 3.42W  
Typical: 3.10W  
Standby: 0.48W
- Range: Up to 300 Meters/1000 feet over existing electrical wiring
- Interface: 2 × Gigabit Ethernet Port
- Button: Pair Button
- LED Indicator: Power, Powerline, Ethernet
- Dimensions (W × D × H): 3.8 × 2.4 × 1.4 in. (98 × 60 × 36 mm)



For more information, please visit  
[http://www.tp-link.com/us/products/details/cat-5509\\_TL-PA7020-KIT.html](http://www.tp-link.com/us/products/details/cat-5509_TL-PA7020-KIT.html)  
or scan the QR code left

## Software

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

## Others

- Certification: FCC, RoHS
- Package Contents:  
Powerline Ethernet Adapter  
Ethernet cable (RJ45)  
Quick Installation Guide
- System Requirements:  
Windows 2000/XP/2003/Vista, Windows 7/8/8.1/10, Mac, 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

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.  
\* Compatible with all HomePlug AV & AV2 Standard Powerline adapters.  
\* 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.