G.hn2400 Passthrough Powerline Kit

Extend Reliable Gigabit Network
Using Existing Electrical Wiring



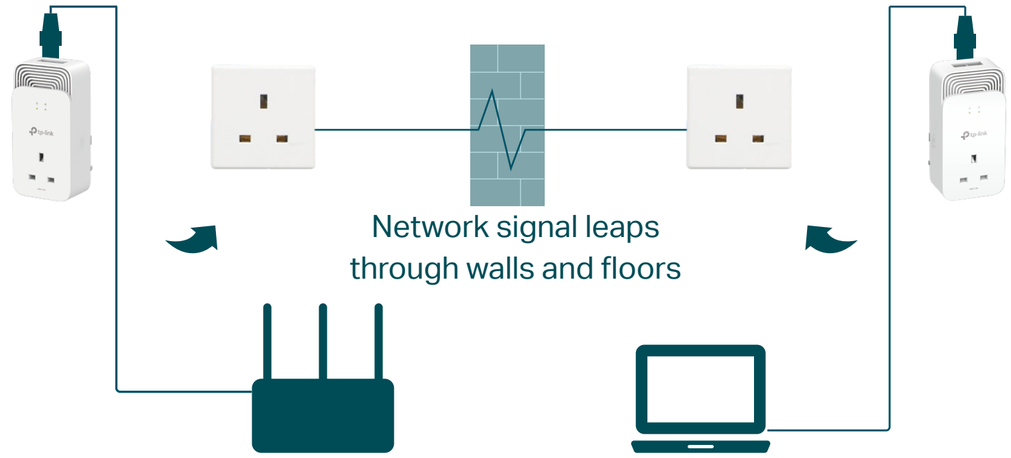
PG2400P KIT

- Faster G.hn Technology
- Plug and Play
- Extra Power Socket
- Ideal for 8K HD Streaming and Lag-Free Gaming

Highlights

Plug and Play

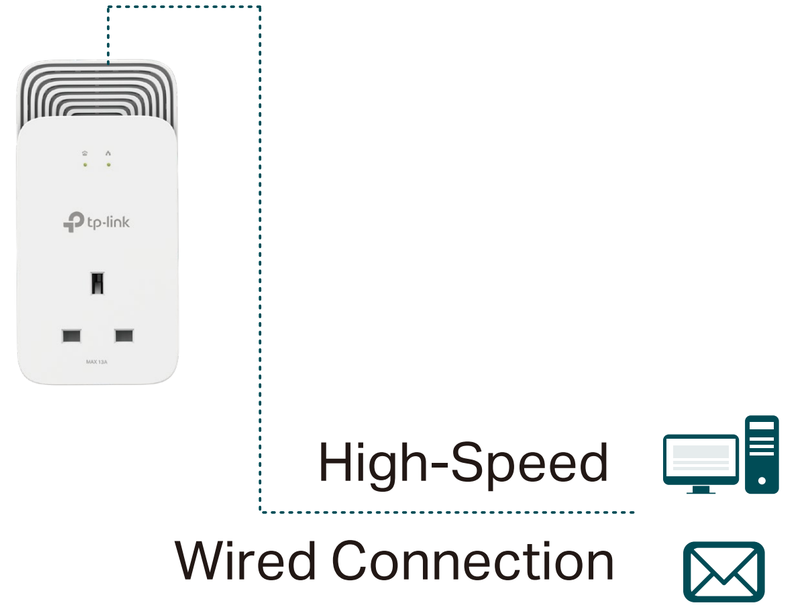
Powerline adapters and extenders must be deployed in a set of two or more, and be connected to the same electrical circuit.



*G.hn powerline devices are not compatible with HomePlug AV/AV2 powerline devices.

Gigabit Ethernet for Fast Connections

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

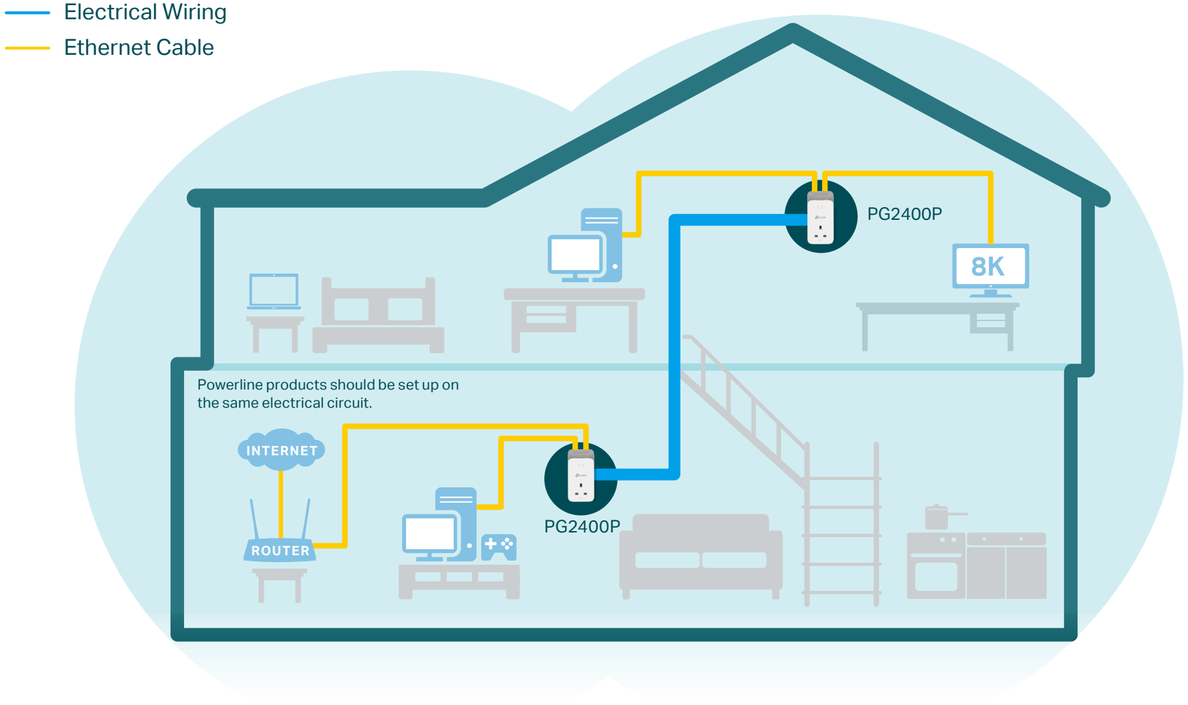


Highlights

Get Reliable Gigabit Network from Any Outlet

The G.hn 2400 Gigabit Powerline Starter 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
- Connects more devices by adding more adapters



Faster G.hn Network*

Under various interference environments, the latest G.hn powerline keeps higher speed data transfer rates than last-gen powerline.

Gigabit Ethernet for Reliable Connections

Provide warp-speed wired connections for 8K HD streaming, lag-free gaming, and more.

Power Saving

Automatically switches to "Power-Saving" mode when not in use, reducing its energy consumption by up to 85%.*

Features

Speed

- Ultra-fast Powerline Speed – G.hn standard compliant, high-speed data transfer rate of up to 1428 Mbps, ideal for Ultra HD streaming and online gaming
- Gigabit Ethernet Port – Provides warp-speed wired connection for 4K HD video streaming, lag-free gaming and more.

Range

- 300-meter Range – Up to 300 meters/1,000 feet over existing electrical wiring[†]

Reliability

- Mains Filter – Mains Filter inside the outlet reduces electrical noise interference and improves powerline communication performance

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
- Keep Your Outlet – An integrated socket lets you power regular devices as normal, and a built-in noise filter prevents them from interrupting the powerline signal
- TP-Link tpPLC & Intuitive Web UI – Allows you to easily manage your network using the tpPLC Utility and web management page

Security

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

Energy Saving

- Power Saving – Power Saving Mode helps reducing power consumption by up to 85%[§]

Specifications

Hardware

- Plug Type: UK
- Compatibility: Compatible with all routers and G.hn Powerline adapters, does not compatible with HomePlug AV/AV2 Powerline adapters
- Power Consumption: Maximum: 6.32W, Standby: 0.98W
- Coverage: Connects more devices by adding more adapters or connecting an access point or a switch
- Range: 300 meters/1,000 feet over electrical circuit
- Interface: Two Gigabit Ethernet Ports, Power Socket
- Button: Pair Button
- LED Indicator: Powerline, Ethernet
- Dimensions (W x D x H): 2.68 × 1.65 × 5.43 in (68 × 42 ×138 mm)



Software

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

Others

- Certification: CE, RoHS
- Package Contents:

  2 × G.hn2400 Passthrough Powerline Adapter PG2400P

  2 × Ethernet Cable

  Quick Installation Guide
- System Requirements:

  Windows 11/10/8.1/8/7/Vista/XP, Mac OS, Linux
- System Requirements for tpPLC Utility:

  Windows XP/Vista/7/8/8.1/10/11 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
https://www.tp-link.com/home-networking/powerline/pg2400p-kit/
or scan the QR code left

Specifications are subject to change without notice. ©2023 TP-Link
*Maximum Powerline signal rates are the physical rates derived from G.hn 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.
*Compatible with all G.hn Standard Powerline adapters. Not compatible with HomePlug AV and AV2 Standard Powerline adapters. Actual compatibility will vary with routers or gateways featuring firmware that is altered, based on open-source programs, or is non-standard or outdated.
*Actual power saving data will vary because of the network conditions and environment factors.