

G.hn | POWERLINE ADAPTER

PRODUCT OVERVIEW

Bringing wired connectivity to remote spots in your home or business.

Comtrend's PG-9172 G.hn Powerline Adapter is a G.hn-based powerline device designed to give users a better alternative to connect devices within a home or business network. Using existing electrical wiring and powerline technology, devices can now be connected at wired speeds without expensive rewiring with Ethernet (CAT5e/6) cables. With new G.hn technology, real world powerline performance is significantly improved over current powerline standards. G.hn minimizes the line of interference and maximizes video throughput.

KEY BENEFITS

Performance When Wireless is Not Good Enough

Delivers Internet to remote spots in your home or business

Enhances Your Streaming Video Experience

G.hn technology uses algorithms designed to improve video quality and minimize video lag

Connecting, Not Just Extending

G.hn technology delivers superior performance through a direct electrical wired connection

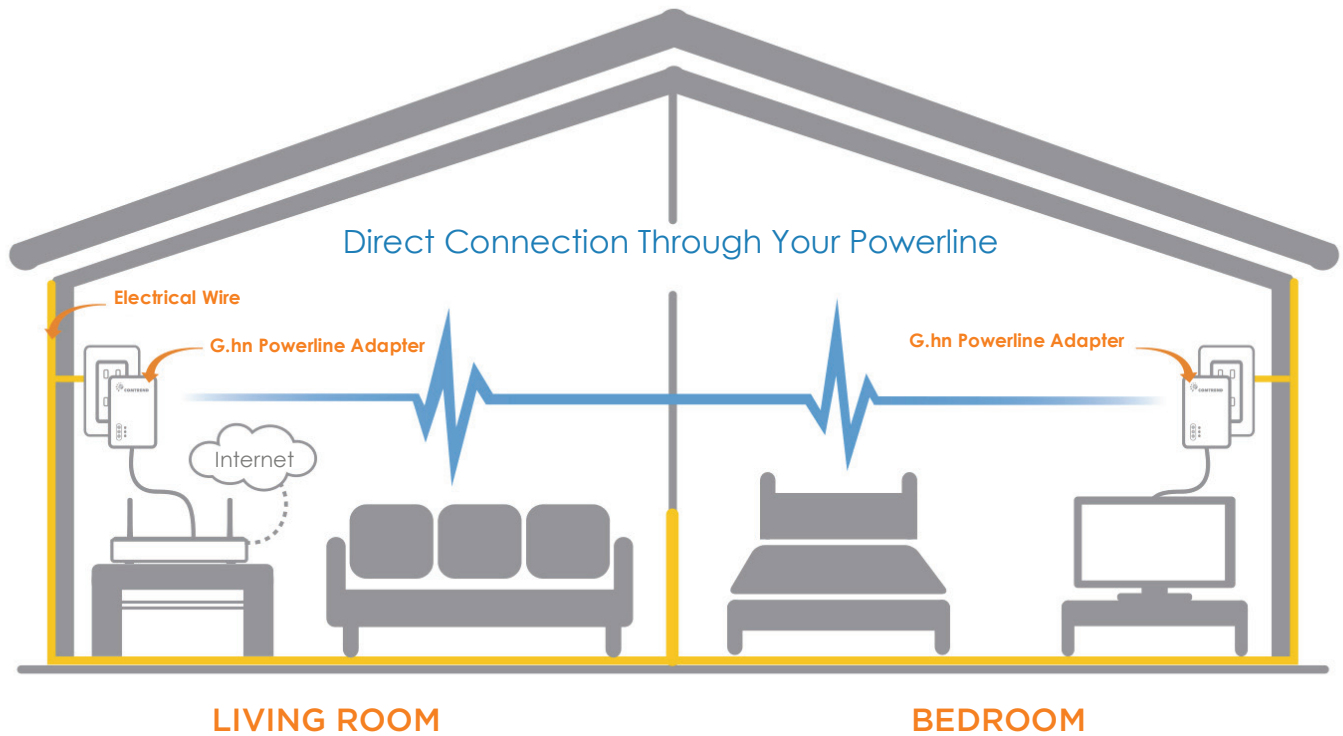
Turn Your Electrical Outlets into an Ultra-Fast Network

Can connect up to 16 devices within a G.hn Powerline Network



Comtrend's PG-9172 G.hn Powerline Adapter is the first to pass HomeGrid Forum certification standards.

PG-9172



SPECIFICATIONS

Interface

- RJ-45 X 1 for Ethernet Connection
- AC Power Plug X 1

Ethernet

- Standard IEEE 802.3u, 802.3ab
- One 10/100/1000 BaseT Ethernet Port
- Auto Rate and Duplex Negotiation
- MDI/MDX Support

Modulations

- OFDM, FEC, Flexible Frequency Configuration

PHY Rate

- Up to 1200Mbps

Management

- HTTP Web-based; Firmware Upgrade Via TFTP
- TR-069 Supported

Security

- AES 128 Bits Encryption Ensures Total Data Security
- One Button Security Set-Up
- Configuration Button for Factory Reset

Networking Protocols

- 802.1D Ethernet Bridge
- 802.1Q VLAN
- Quality of Service (QoS)
- IGMP (IPv4) Snooping & MLD (IPv6) Snooping

Power

- 100-240 VAC 50Hz/60Hz
- Auto Power Saving Mode Max 0.5W (in standby mode)

Environmental Condition

- Operating Temperature: 32~104°F (0~40°C)
- Relative Humidity: 8~95% (non-condensing)

Dimension

- (H)3.66in x (W)2.35in x (D)2.20/1.38in (with/without plug)
- (H)93mm x (W)59.6mm x (D)56/35mm (with/without plug)

Certification

- FCC
- HomeGrid Forum Certified: MIMO
- HomeGrid Forum Certified: SISO

Note: Specifications are subject to change without notice.

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