

PG-9172AC

COMTrend

AC
1200

G.HN POWERLINE ADAPTER

Dual Band AC1200 | 1 Gigabit Port | OptimizAIR 2.0



PRODUCT OVERVIEW

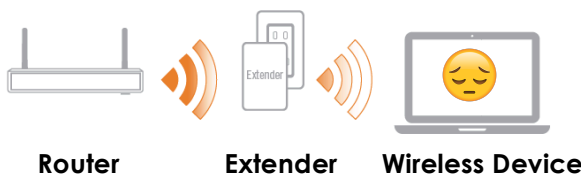
Bring next-generation wireless performance to your remote rooms via electrical wiring.

Comtrend's PG-9172AC is a G.hn-based powerline device with the added benefit of 802.11ac WiFi connectivity. Using existing electrical wiring and powerline technology, you can get WiFi connectivity to hard to reach locations without the weakened signal of a wireless extender. With advanced WiFi OptimizAIR 2.0 technology, the PG-9172AC delivers higher capacity and superior QoS for optimized video streaming. Easily add on to or create your G.hn Powerline Network—connect up to 16 G.hn Powerline Adapters (a minimum of two devices is required).

KEY BENEFITS

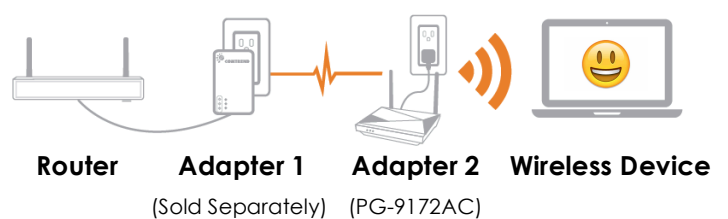
Performs Better Than an Extender

Extenders repeat an already weakened WiFi signal.



VS.

Powerline adapters recreate the experience of a wired connection for better performance.



PG-9172AC

Connect Your Devices with Dual-Band Wireless



SPECIFICATIONS

Interface

- RJ-45 X 1 for Gigabit Ethernet Connection
- LED: LAN, 2.4GHz, 5GHz, PLC, POWER
- Button: WiFi On/Off, WPS, PLC Sync, PWR, RESET
- External WiFi Antenna x 2

Ethernet

- Standard IEEE 802.3
- 10/100/1000Mbps BaseT Auto-Sense
- Auto Rate and Duplex Negotiation
- MDI/MDIX Support

WLAN (WiFi)

- Up to 1200Mbps by WiFi Transmission
- WiFi OptimizAIR 2.0 (Higher Capacity & Superior QoS)
- 802.11 b/g/n @ 2.4GHz, 2T2R
- 802.11 a/n/ac @ 5GHz, 2T2R, External FEM
- Concurrent 2.4GHz & 5GHz
- 11 Channels (US, Canada)
- WPA/WPA2/Mixed WAP2+WAP

Modulations

- OFDM, FEC, Flexible Frequency Configuration
- BPSK/QPSK/16-QAM/64-QAM for WiFi

Management

- HTTP Web-based
- TR-069 Supported (Single Entity for G.hn & WiFi Functions)

Security

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

Networking Protocols

- 802.1D Ethernet Bridge
- 802.1Q VLAN
- Quality of Service (QoS)
- IGMP (IPv4) Snooping & MLD (IPv6) Snooping
- Built-in Dual TCP/IP Stack (IPv4/IPv6)

G.hn (PLC)

- ITU-T G.9960 & G.9961 Compliant
- G.hn MIMO Support
- NDM Support

Power

- 110-240 VAC 50Hz/60Hz

Environmental Condition

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

Dimension

- 7.08 X 5.35 X 1.61in (H x W x D)
- 180 x 136 x 41mm (H x W x D)

Certification

- CE, FCC, HGF

Note: Specifications are subject to change without notice.

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