

POWER X-PLUG | E

Ethernet Adapter



Model XC-HPEA & XC-HPEA2



Instant Networking

The XiNCOM Power X-Plug Series brings a fast and simple LAN solution through existing power lines to residential and small business environments. Simply plug it and connect for *Instant Networking*. You can share documents, media files, and Internet access across multiple rooms in a single location while eliminating the need for additional cables and networking switches and reduce clutter.

*Instant networking.
Plug it and Connect.*

"Simply plug it and turn any electrical outlet in your Home or Office into a computer network."

High Speed LAN Connectivity

The XC-HPEA is a wall mounted Ethernet adapter that provides a flexible network solution to your small office or home office environment by utilizing the existing power grid as the backbone for your network infrastructure. This permits any electrical outlet to be turned into an Ethernet network access point for LAN connectivity and the Internet. The Power X-Plug makes it easy to share broadband access, online gaming, Voice over IP (VoIP) applications, audio and video streaming. The XC-HPEA supports multiple streams of High-Definition (HD) for connecting various high bandwidth media devices or applications such as TiVO, multimedia set-top boxes, and IPTV.

Solid Secure Networking

Connecting your home or small office network over power line provides an extremely secure network solution. Unlike wireless networks, a power line local area network is undetectable without someone physically plugging into to your power grid. The XC-HPEA also provides built-in security features to protect your data from malicious intruders. All data transferred across your power grid is automatically encrypted with 56-bit DES (Data Encryption Standard). The Power X-Plug also comes with embedded advanced automatic-error detection and correction technologies to ensure data connectivity across your power line network.

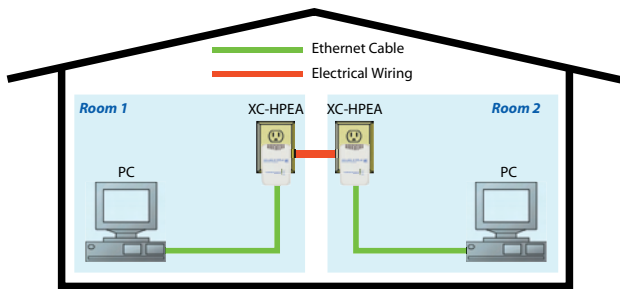
HIGH SPEED **85**
Ethernet & Entertainment Mbps
Over Power

SUPPORTED PLUG TYPES:



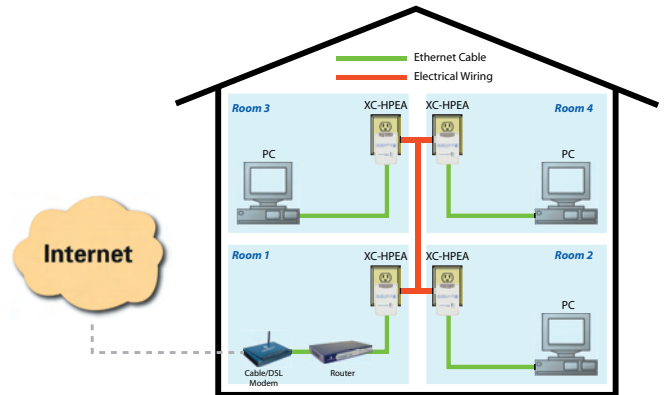
Network Diagrams

① Peer-to-Peer network setup



Simply plug it and turn any electrical outlet in your Home or Office into a computer network.

② Network sharing a broadband connection



XC-HPEA Specifications

Hardware

- Intelton INT5500 chipset

Networking Support

- 85Mbps Homeplug® 1.0 compatible
- IEEE 802.3 10/100 Ethernet
- IEEE 802.3u Fast Ethernet Compliant
- 10/100 Mbps AutoMDI/MDIx Support
- 4 Mhz to 21 Mhz frequency band

Power

- Switch Mode 100V-240V Supply for Europe, UK, US, and Australia plugs

Interface

- One RJ-45 Ethernet LAN port

Security & QOS Support

- 56 bit DES Encryption with key management
- Automatic-error detection and correction
- Channel Adaptation for high electrical noise environments
- Packet Encapsulation via CSMA/CA
- QAM 256/64/16

Platform Support

- OS Independent with TCP/IP protocol installed

LED Indicators

- 1 x Power LED
- 1 x Powerline Link Status LED
- 1 x Ethernet Link/Activity Status LED

Temperature

- Operating: 0 to 40 degrees Celsius
32 to 104 degrees Fahrenheit
- Non-Operating: -25 to 70 Celsius
-13 o to 158 o Fahrenheit

Humidity

- Operating: 30% to 80% Relative Humidity (Non-Condensing)
- Non-Operating: 30% to 95% Relative Humidity (Non-Condensing)

Safety & EMI:

- FCC, UL, cUL, CE

Warranty:

- 1-year limited warranty

Contact Us

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