

Home Entertainment Connection Kit



KEY FEATURES

- ⌚ Kit consists of a 4-port desktop powerline adapter and a single port desktop powerline adapter
- ⌚ High speed data rates of up to 200Mbps¹
- ⌚ Ideal for connection of multiple Internet enabled devices within a home entertainment environment – connect up to four devices
- ⌚ Range of up to 300 metres (point to point)
- ⌚ Security push button for simple setup of powerline network
- ⌚ Extend or create an Ethernet network using existing household powerpoints

Model Code/ Part Number	Description	APN Code
NP203	NetComm AV Series Home Entertainment Connect Kit	9317773014112

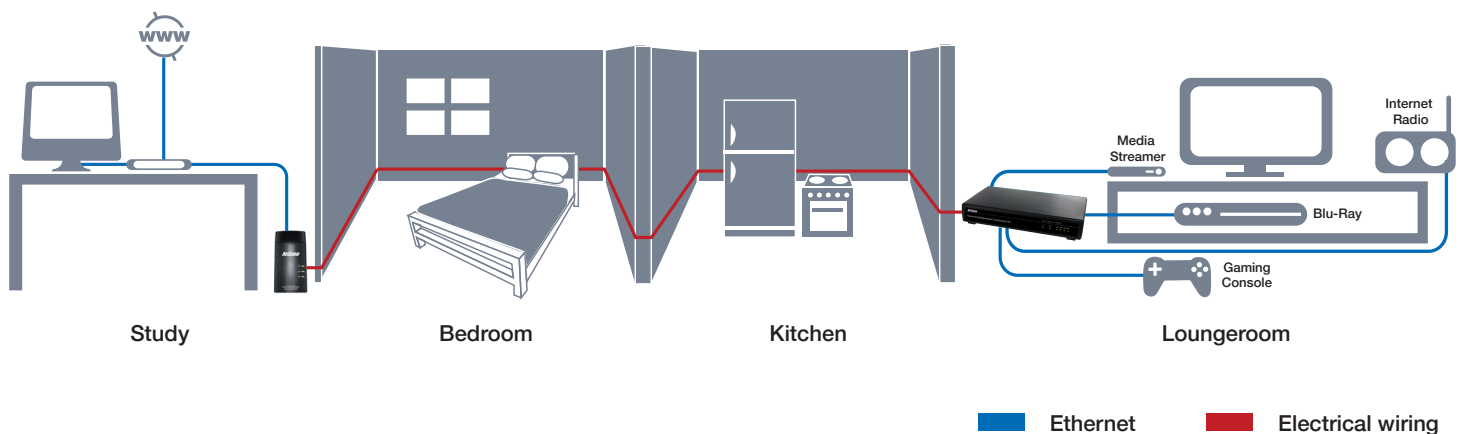
Home Entertainment Connection Kit

NetComm's Home Entertainment Connection Kit harnesses the potential of Ethernet-Over-Powerline technology to provide you with an easy, reliable and secure method for providing Internet access to devices in your home entertainment centre. Whether it be your Internet enabled TV, Blu-ray player, gaming console, personal video recorder, digital set-top box or Internet radio, connection to the Internet is no longer an issue.

Simply connect the single port adapter to your broadband modem/router that will transmit an Internet signal around your network of power lines. Plug the 4-port adapter to another power point around your home and the Internet will become available for you to connect up to four devices to your online network.

NetComm's Home Entertainment Connection Kit is capable of up to 200Mbps¹ data transmission meaning it is perfect for delivering consistent, high-quality streaming of audio and SD (Standard-Definition)/ HD (High-Definition) video content.

¹ Maximum throughput based on theoretical data rate. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, and network overhead, lower actual throughput rate.



TECHNICAL SPECIFICATIONS

TECH SPECS 4-PORT/SINGLE PORT

Main Chipset

- Intellon INT6400

Computer Interface

- IEEE802.3; IEEE802.3u

Standards

- HomePlug AV

Network Interface

- Four RJ-45 (10/100Base-T Ethernet)/One RJ-45 (10/100Base-T Ethernet)
- One 200Mbps Power Line Port supporting co-existence with 14/85Mbps HomePlug

Security

- 128-bit AES Link Encryption with Key Management

Data Transfer Rate

- 200 Mbps over Powerline and 10/100Mbps over Ethernet

Modulation Schemes

- OFDM Symbol Modulation on Line synchronization 1024/256/64/16/8 - QAM, QPSK, BPSK, ROBO Carrier Modulation

Frequency Band

- 2 ~ 28 Mhz

Additional Protocols

- Mix of TDMA and CSMA/CA channel access scheme; CO device generates a periodic beacon carrier for channel access scheme

Operation Range

- Estimated range of 300m in wall power lines

Cabling

- 100Base-T; Cat. 5 UTP Cable

Operating Temperature

- 0°C to 40°C ambient temperature

Storage Temperature

- -20°C to 70°C ambient temperature

Humidity

- 10 to 90% maximum (non-condensing)

Power Input

- 100 ~ 240V @ 50/60Hz Internal

Power Connector

- 6 ft AC power cord/Embedded AU Housing Plastic

Software Utility

- Device Detect/Diagnostic, NEK Password Setup for Local and Remote Device Windows 2000, ME, NT, XP, or Vista for Initial Setup

LED

- Power; PL-Link/Act (with dual-color throughput function); ETH 1 thru 4 Link/Act

Certifications

- C-Tick, CE