



NETCOMM POWERLINE SERIES

Powerline Adapters

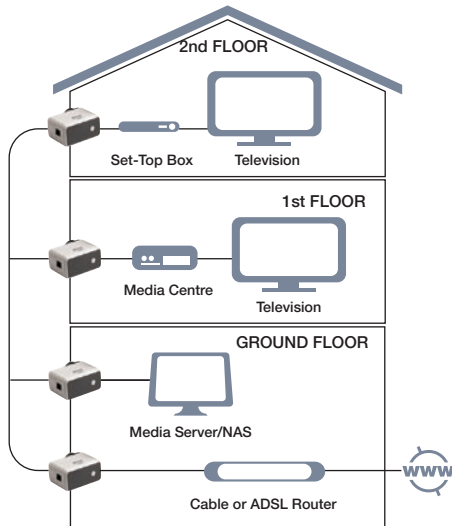
200Mbps Twin Pack



KEY FEATURES

- ④ High speed Data Rates of up to 200Mbps¹
- ④ Simple Connect - Setup your network with the push of a button
- ④ The ultimate Powerline Adapters for Audio/Video Streaming and IPTV
- ④ Range of up to 200 metres (point to point) – thick concrete walls or multi-storeyed houses are no longer an issue
- ④ Extend or create an Ethernet network using existing household powerpoints
- ④ Superior bandwidth performance perfect for next gen gaming consoles and HD video
- ④ Pair with Wireless to create a hybrid network
- ④ No new cables, no drilling. Plug and Play

Model Code/ Part Number	Description	APN Code
NP201AV	Powerline Adapters	9317773012842



NetComm's Powerline Adapters harness the potential of Ethernet-over-powerline technology to give you the ability to network your home or small business using the existing electrical wiring, without the setup problems and coverage gaps associated with wireless devices.

Powerline Networking is suitable for many different tasks, from simply allowing you to share your broadband service with multiple devices, to sharing your digital content quickly and easily between your PCs and consumer entertainment (CE) devices (Gaming Consoles, IPTV, Set-top boxes) anywhere in your home or office, without installing additional LAN cables.

NetComm's NP201AV Powerline Networking solution 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.

Use your powerlines to create a network – or build a hybrid network by combining your Powerline Adapters with an existing wireless network.

Product Features

- Enables Triple-Play - voice, video and data networking throughout the home
- Plug & Play simplicity - No installation and configuration required.
- Excellent Quality of Service (QoS) for media streaming
- AutoMDI/MDIX Ethernet Port ensure both cross or straight cable can be used
- O/S independent, no need PC for installation
- 128-bit AES Encryption ensures no security risk from eavesdropping or hacking
- Simple Connect button - Set-up your network with the push of a button

¹ Maximum throughput based on theoretical transmission PHY rate. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic and network overhead, may lower actual data throughput rate. Interference from devices that emit electrical noise, such as vacuum cleaners and hair dryers, may adversely affect the performance of this product.

TECHNICAL SPECIFICATIONS

CHIPSET

- Intellon INT6400.

SECURITY

- 128-bit AES Encryption.

RANGE

- 200 meters via Powerline Adapters.

FREQUENCY BAND

- 2MHz -30MHz band.

MODULATION

- OFDM 1024/256/64/16/8 - QAM.
- QPSK.
- BPSK.
- ROBO.

PHYSICAL

- **Dimension:** 90mm x 46mm x 75mm
- **Weight:** 190g per unit

FEATURES

- Windowed OFDM with noise mitigation based on patented line synchronization techniques improves data integrity in noisy conditions.
- Dynamic channel adaptation and channel estimation maximizes throughput in harsh channel conditions.
- Powerline Adapters® AV MAC: TDMA and prioritybased CSMA/CA channel access schemes maximize efficiency and throughput.
- Integrated Quality of Service (QoS) Enhancements: contention-free access, four-level priority based contention access, and multi segment bursting.
- ToS, CoS and IP Port Number Packet Classifiers.
- Supports IGMP managed multicast session.
- 60% Power Savings Mode.
- Co-existence with Powerline Adapters® 1.0 Nodes

PLATFORM SUPPORT

- Utility - Windows98, SE, 2000 XP,Vista and 7.
- Powerline Adapters - O/S Independent via TCP/IP protocol installed.

LED INDICATION

- Power.
- PowerlineLink/Activity.
- Ethernet Link/Activity.

EXTERNAL CONNECTORS

- 1x RJ45 10/100 AutoMDI/MDIX.

APPLICATIONS

- High-Definition (HD) and Standard-Definition (SD) video distribution.
- Broadband TV (IPTV).
- Digital Media Centre and Personal Video Recorder (PVR).
- A/V Streaming and higher data rate broadband Internet sharing.
- DSL/Cable Modem Installation extender.
- Voice over IP Calls.
- PC File and Application sharing.
- Printer and peripheral sharing.
- Network and Online Gaming.
- Network Camera LAN extension.
- Wireless LAN Extension.