200Mbps Powerline Adapters with AC Pass-through

Perfect for

- Transporting the Internet around the home
- Connecting PC's, TV's, gaming consoles, blu-ray players, TiVo and other networkable devices
- Streaming media and content to connected devices
- Areas where other electrical devices are kept as the same power point can be used

KEY FEATURES

- Transfer the Internet around your house using the existing network of power lines
- High speed data rates of up to 200Mbps[1]
- Ideal for connecting PCs, TVs, gaming consoles, blu-ray players, TiVo and other networkable devices
- AC pass-through built in - plug other electrical devices into the same power point
- AC pass-through socket uses noise filtering to ensure your data signal is not disrupted by other electrical devices
- Plug and play - no setup required
- Extremely compact in size - fits nicely behind furniture or amongst a home entertainment environment

NetCommWireless

NP204

200Mbps Powerline Adapters with AC Pass-through

Study   Bedroom   Kitchen   Loungeroom

▬ Ethernet   ▬ Electrical wiring

SPECIFICATIONS

MAIN CHIPSET
- Intellon INT6400

STANDARDS
- Powerline: HomePlug AV
- Ethernet: IEEE802.3 10/100 Auto MDI/MDIX
- Compliant to EuP Lot 6 (Power saving standard)

MODULATION SUPPORT
- Powerline: OFDM 1024/256/64/16/8 QAM
- QPSK
- BPSK
- ROBO

DATA TRANSFER RATE
- Up to 200Mbps over Powerline

RANGE
- Up to 200m over Powerline

SECURITY
- 128-bit AES Encryption (enabled with Simple Connect button)

POWERLINE FILTERING
- Filtering at frequency band 2MHz to 30MHz
- Insertion loss > 30dB

PHYSICAL SPECIFICATION LED INDICATORS
- 1 x Power LED
- 1 x Powerline Link / ACT Status LED
- 1 x Ethernet Link / ACT Status LED

EXTERNAL CONNECTORS
- 1 x Ethernet LAN port
- 1 x Reset button
- 1 x Simple Connect push button
- 1 x Filtered AC pass-through

MEASUREMENTS
- 100mm x 55mm x 47mm
- 160g / adapter

MEMORY
- 8Mb SDRAM

POWER CONSUMPTION
- Normal: 3.4 Watts
- Standby: 0.48 Watts

POWER SUPPLY
- AC 220 ~ 240V, 50 ~ 60Hz

ENVIRONMENTAL TEMPERATURE
- Operating: 0°C to 40°C
- Non-Operating: -25°C to 70°C

HUMIDITY
- Operating: 30% to 80% relative humidity (non-condensing)
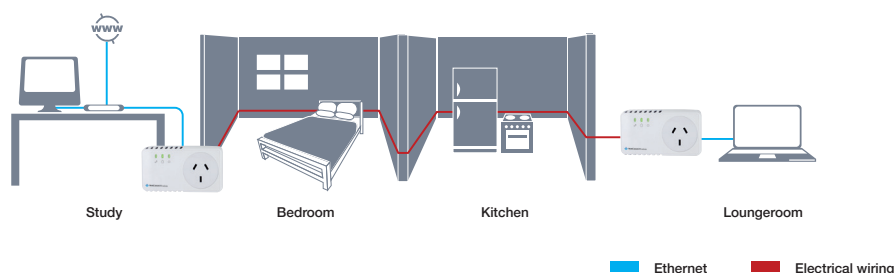- Non-Operating: 30% to 95% relative humidity (non-condensing)

OPERATING SYSTEMS

(FOR MANUAL CONFIGURATION ONLY)
- Windows 7/Vista (32-64 bit)/2000/ME/XP/98/98SE

REGULATORY APPROVAL
- SSA101230EA
- C-Tick, CE

The NetComm 200Mbps Powerline Adapters with AC Pass-through allow you to create an Internet connection point anywhere in your house using the existing network of power lines. The Internet signal is transferred between the two pre-paired adapters – all you have to do is connect them to an available power point.

With more devices becoming Internet enabled, there is a need for connections in various rooms of the house. The NP204 provides an easy way to transfer the Internet from your modem and supplies fast and reliable Internet access to your chosen device.

With built in AC pass-through, you are able to use the same power point to plug in other electrical appliances. This allows you to connect the powerline adapter directly to the wall, guaranteeing the best possible signal and reduces the likelihood of needing to use powerboards and double adapters. The NP204 also features built-in filtering to reduce noise introduced by other electrical devices around the home to improve the network performance over the power lines.

The NP204 features a very compact form factor and is unobtrusive and easy to conceal behind furniture and home entertainment units.

Enhanced Quality of Service (QOS) provides guaranteed bandwidth reservations for specific multimedia IP streams.

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.