

Wireless Powerline Kit

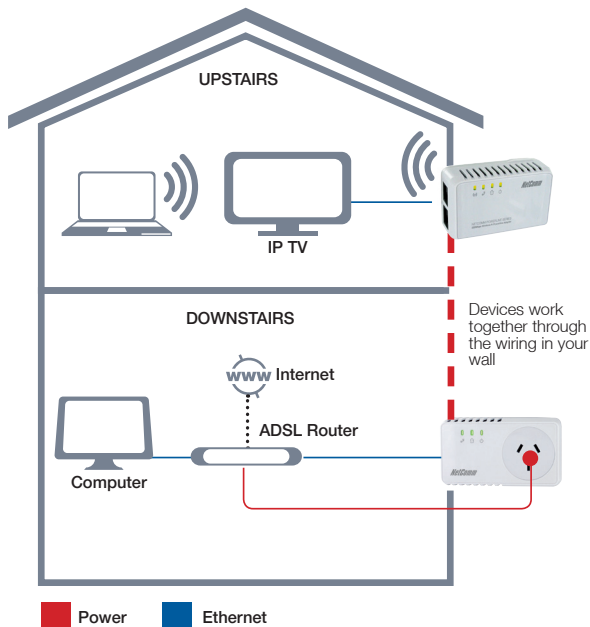


KEY FEATURES

- Ⓢ Transfer the Internet around your house using the existing network of power lines
- Ⓢ High speed data rates of up to 200Mbps
- Ⓢ Wireless data rates of up to 300Mbps
- Ⓢ Ideal for connecting PCs, TVs, gaming consoles, blu-ray players, TiVo and other networkable devices
- Ⓢ Wireless N access point built into one adapter - extend or create a wireless network
- Ⓢ AC pass-through built into the other adapter - 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

Model Code/ Part Number	Description	APN Code
NP206	NetComm Powerline Series Wireless Powerline Kit	9317773014716

Wireless Powerline Kit



The **NetComm NP206 Wireless Powerline Kit** allows you to extend the Internet network in your house using the existing power lines in your walls. 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 NP206 provides an easy way to transfer the Internet from your modem and supplies fast and reliable Internet access to your chosen devices.

The kit includes one Powerline adapter that has an AC pass-through socket, allowing you to conveniently use the same power point for other electrical devices. This adapter features built in filtering ensuring other electrical devices do not affect the performance of the powerline network.

The second Powerline Adapter has built-in wireless N functionality, enabling you to extend the wireless network at home. Simply plug the adapter into any wall socket to create an instant wireless hotspot.

With more devices becoming Internet enabled the NP206 is the perfect solution, providing fast and reliable Internet connections in various rooms. Both adapters are very compact allowing for neat and unobtrusive placement within the home

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

TECHNICAL SPECIFICATIONS

Main Chipset

- Powerline: Intellon INT6400
- Wireless: Ralink RT3052

Standards

- Powerline: HomePlug AV
- Ethernet: IEEE 802.3 10/100 Auto MDI/MDIX
- Wireless: IEEE 802.11b/g/n
- 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
- Up to 300Mbps over Wireless

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

External Connectors

Powerline Adapter with AC Pass-through

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

Powerline Adapter with Wireless N

- 2 x Ethernet LAN ports
- 1 x Reset button
- 1 x push button for WPS and Simple Connect

Measurements

Powerline Adapter with AC Pass-through

- 100mm x 55mm x 47mm

Powerline Adapter with Wireless N

- 105mm x 58mm x 42mm

Memory

- 8Mb SDRAM

Power Consumption

- Normal: 3.4-7.0 Watts
- Standby: 0.48-5 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

Certifications

- C-Tick

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