



# Wireless Powerline Kit



## Perfect for

- Transporting the Internet around the home
- Creating a WiFi access point in a hard to reach area
- Streaming media and content to connected devices
- Connecting PC's, TV's, gaming consoles, blu-ray players, TiVo and other networkable devices

## KEY FEATURES

- ⌚ Transfer the Internet around your house using the existing network of power lines
- ⌚ High speed data rates of up to 200Mbps<sup>1</sup>
- ⌚ Wireless data rates of up to 300Mbps<sup>2</sup>
- ⌚ 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





## 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

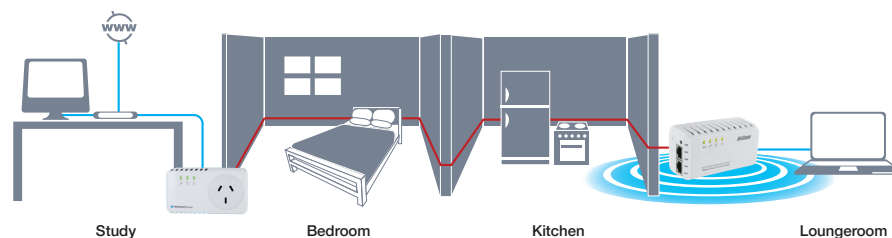
#### CONFIGURATION ONLY)

- Windows 7/Vista (32-64 bit)/2000/ME/XP/98/98SE

### REGULATORY APPROVAL

- SSA101230EA & SSA110513
- C-Tick, CE

# Wireless Powerline Kit



■ Ethernet ■ Electrical wiring

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.

- 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
- 2 Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g specifications. Actual wireless speed and coverage are dependent on network and environmental conditions included but not limited to volume of network traffic, building materials and construction/layout.



**NetCommWireless**

NETCOMM WIRELESS LIMITED

**Head Office** - 18-20 Orion Road, Lane Cove,  
NSW 2066, Sydney, Australia ABN 85 002 490 486

**E:** sales@netcommwireless.com

[www.netcommwireless.com](http://www.netcommwireless.com)