



# 500Mbps Powerline Kit 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

- ⌚ Create a high-performance Internet connection throughout your home using the existing power line network
- ⌚ High-speed data rates of up to 500Mbps<sup>1</sup>
- ⌚ 2 x 10/100 Ethernet ports for multiple wired network connections
- ⌚ In-built AC pass-through makes power points available for other uses
- ⌚ Noise filtering protects data signals from disruptions
- ⌚ Works out of the box - no setup required
- ⌚ Work across multi-phase power circuits
- ⌚ Power saving features
- ⌚ Compact casing





## SPECIFICATIONS

### PACKAGE INCLUDES

- 2 x Powerline Adapters with AC Pass Through
- 2 x Ethernet Cables (RJ-45)
- Printed Quick Start Guide
- Warranty Card

### MINIMUM SYSTEM REQUIREMENTS

- Modem Router
- Active Internet Connection
- Available Power Sockets
- Computer or network device with a free Ethernet port

### MAIN CHIPSET

- Powerline: Atheros AR7420 + AR1540 chipset

### STANDARDS

- Powerline: IEEE 1901/HomePlug AV
- Ethernet: IEEE 802.3 10/100/1000 Mbps Auto MDI/MDIX
- Compliant to EuP

### MODULATION SUPPORT

- Powerline: OFDM 4096/1024/256/64/16/8 QAM, QPSK, BPSK and ROBO

### DATA TRANSFER RATE

- Up to 500Mbps over Powerline<sup>1</sup>

### RANGE

- Up to 200m over Powerline<sup>1</sup>

### SECURITY

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

### EXTERNAL CONNECTORS

- 2 x 10/100 Ethernet LAN ports
- 1 x Reset button
- 1 x Simple Connect push button
- 1 x Filtered AC pass-through socket

### LED INDICATORS:

- 1 x Bicolour Power LED
- 1 x Bicolour Powerline Link/Activity Status LED
- 1 x Bicolour Ethernet Link/Activity Status LED

### POWERLINE FILTERING

- Filtering at frequency band 2MHz to 68MHz
- Filter characteristics: -25dB to -45dB

### POWER SUPPLY

- AC 220-240V 50-60Hz

### ENVIRONMENTAL

- Operating: 0°C to 40°C
- Non-Operating: -25°C to 70°C
- Operating: 30% to 80% Relative Humidity  
(Non-Condensing)
- Non-Operating: 30% to 95% Relative Humidity  
(Non-Condensing)

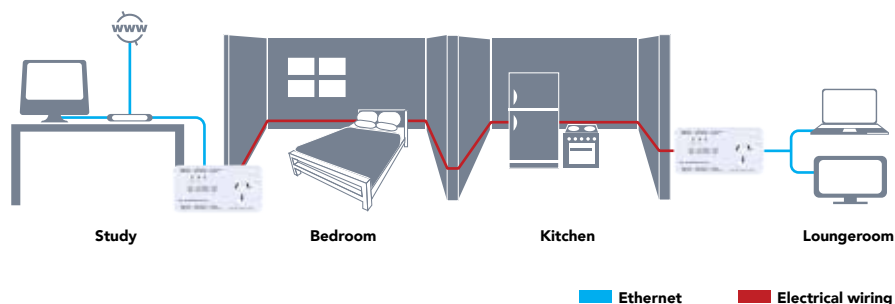
### MEASUREMENTS

- Dimensions 62 mm x 116 mm x 42 mm
- Weight 200g

### CERTIFICATIONS

- RCM
- SAA111557EA

# 500Mbps Powerline Kit with AC Pass-through



NetComm's 500Mbps Powerline Kit with AC Pass-through will give your home network the capacity to handle high bandwidth-intensive applications such as HD-TV, online gaming, multimedia and video streaming with plug and play simplicity.

An available power point is all you need to create a powerful high-speed Internet connection in any room of the house using your existing network of Powerline. The compact adapters are easy to setup simply connect and begin to use

### HIGH SPEED POWERLINE

Ideal for moving the Internet and streaming media to any location throughout your house.

### AC PASS THROUGH

The compact adapters are easily concealed behind furniture and feature built-in AC pass-through to free up your power points for other purposes.

<sup>1</sup> 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



**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)