

NETCOMM VELOCITY™ SERIES

NetComm

500Mbps Powerline Adapters with AC Pass-through

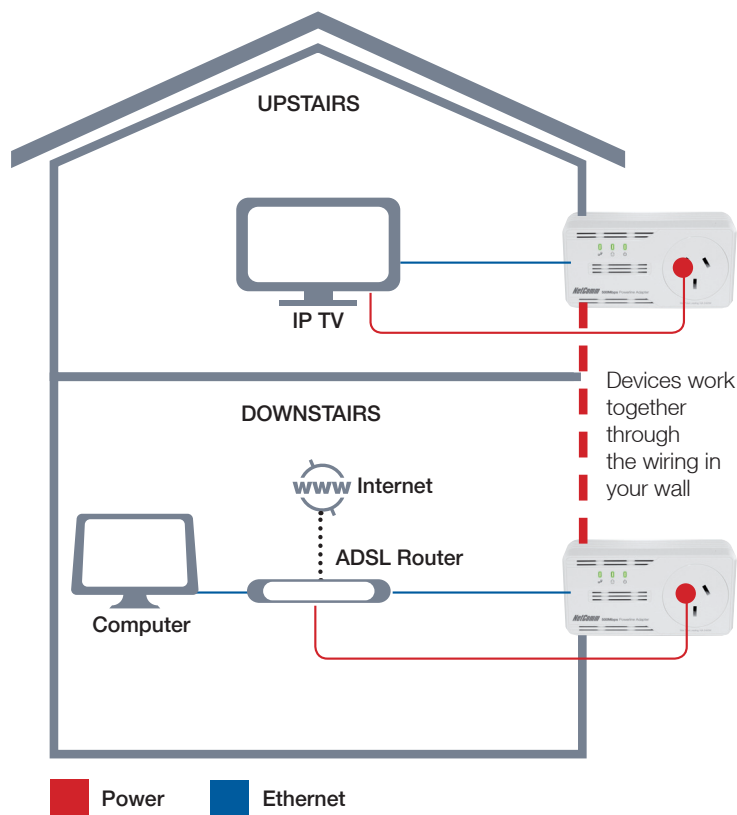


KEY FEATURES

- Create a high-performance Internet connection throughout your home using the existing power line network
- High-speed data rates of up to 500Mbps
- Includes a Gigabit (10/100/1000) port for super-fast data transfers
- 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
- Power saving features
- Compact casing

Model Code/ Part Number	Description	APN Code
NP504	500Mbps Powerline Adapters with AC Pass-through	9317773015232

500Mbps Powerline Adapters with AC Pass-through



NetComm's 500Mbps Powerline Adapters with AC Pass-through will give your home network the capacity to handle super 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 multiple HD streaming and large file transfer with data throughput up to 250% faster than 200Mbps Powerline adapters

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.

SMARTLINK

Reduces the impact of line noise in one area affecting the performance on other areas. Dynamically adapts on a packet by packet basis and provides up to 50% increase in performance over non SmartLink Powerline adapters.

TECHNICAL 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 AR7400 + AR1500 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 Powerline¹

RANGE

- Up to 200m over Powerline¹

SECURITY

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

EXTERNAL CONNECTORS

- 1 x 10/100/1000 Ethernet LAN port
- 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 CONSUMPTION

- 4.5 W

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

- C-Tick
- SAA111557EA

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.