



- Dramatically increase your wireless coverage
- Compatible with 802.11b/g
- Industry standard SMA connector (adaptors for other connector types available)
- Ideal for use with Wireless Access Points, Routers and Gateways

The days of intermittent coverage and range problems with your wireless equipment are gone with NetComm's range of indoor Wireless Boosters. A Wireless Booster amplifies the power output of your wireless router or access point to give you massive gains in coverage.

Generally, most wireless routers and access points have a power output somewhere between 20-50mW – with your wireless signal affected by physical barriers (such as walls) as well as distance. As a result, the throughput (actual wireless transfer speed) deteriorates.

A NetComm Wireless Booster is connected between the router or access point and the aerial in order to amplify your wireless power output. The NP560 increases power output to 200mW and the

NP562 increases it to 500mW. The Booster reduces the affect of physical barriers on your wireless – the result, a significant increase to actual throughput. Also, the booster can potentially pass your wireless signal through a concrete or brick wall[#].

The other benefit is a massive increase to your wireless range. When beaming a wireless signal outdoors, the NP562 can possibly extend a wireless signal up to 500 metres.*

Note: your wireless router or access point must have a detachable aerial in order to use this product.

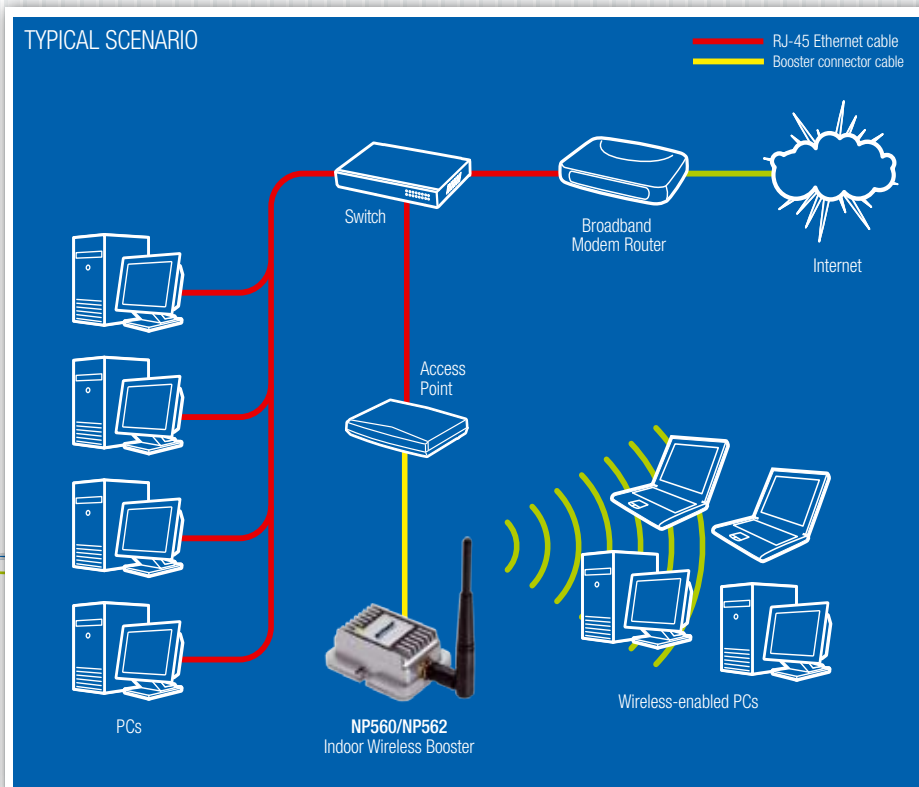
[#] NetComm does not guarantee that a wireless signal will penetrate a concrete or brick wall in all circumstances.

* This is an estimate of wireless range. Actual distance can be affected by many factors including environment, physical barriers, line of sight, other wireless networks, aerial location and others.

NP560/NP562 200mW/500mW Indoor 11g/b Wireless Booster

KEY FEATURES

- Dramatically increase your wireless coverage and throughput
- Compatible with 802.11g/b wireless equipment
- Industry standard SMA connector
- Ideal for use with Wireless Access Points, Routers and Gateways with detachable aerials



TECHNICAL SPECIFICATIONS

OPERATING RANGE

- 2400 ~ 2500 MHz

OPERATION MODE

- Bi-directional, half-duplex, auto-switching via carrier sensing

CONNECTOR

- SMA Receptacle

IMPEDANCE

- 50 ohm

OUTPUT POWER

- **NP560:** 200mW (23dBm nominal) for 11g@54Mbps
- **NP562:** 500mW (27dBm nominal) for 11g@54Mbps

TRANSMIT INPUT POWER

- Maximum 100mW
- Minimum 6mW

TRANSMIT GAIN

- 12dB(adjustable)

RECEIVE GAIN

- 14dB(typical)

FREQUENCY RESPONSE

- +/- 1dB over operating range

RECEIVE NOISE FIGURE

- 3.5dB nominal

OPERATING TEMPERATURE

- -20 ~ +70°C

POWER

- 6V DC maximum current <1A, 100 ~ 240V for AC adaptor

BOOSTER

- 7.8 x 5.6 x 2.9cm

MATERIAL

- Cast Aluminium

WEIGHT

- <0.2kg

DC ADAPTOR

- <6.0 x 4.4 x 2.5cm

LED INDICATOR

- TX LED

PACKAGE CONTENTS

- NP560/562 200mW/500mW Indoor 11g Wireless Booster
- Power Supply
- Antenna Connection Cable
- Quick Connection Guide

ONE YEAR WARRANTY*

One year warranty out of the box. Online registration at www.netcomm.com.au

*Conditional upon online registration

ATTENTION: The use and installation of this WiFi device must comply with the Australian Spectrum Management legislation which specifies that a WiFi transmitting station must not have an Effective Radiated Power (ERP) exceeding 4-Watts.

ERP is a radio frequency signal strength field measurement and can be calculated as: Wireless device output power, less the power lost in the antenna feed-line (antenna connection cable), plus the power gain of the antenna itself. If you are unsure about any of these parameters or how to calculate them, please consult your installer or dealer. Alternatively you can visit the Australian Communications & Media Authority (ACMA) website at www.acma.gov.au

Exceeding such power restriction limits is illegal and may result in undesirable radio interference which is strictly monitored by the ACMA.

Your NetComm dealer:

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