



# Wireless N Extender



## Perfect for

- Extending the range of your WiFi network to reach any WiFi blackspots (repeater mode)
- Creating a WiFi network (access point mode)
- Receiving a WiFi signal and turning it into a wired connection (bridge mode)

## KEY FEATURES

- ④ 3 in 1 functionality. Works as a wireless repeater, wireless access point or wireless bridge
- ④ When in wireless repeater mode: Extend wireless signal to areas unreachable by router
- ④ When in wireless access point mode: Connect into a modem/router to create a wireless network
- ④ When in wireless bridge mode: Receive a wireless signal and turn it into a wired connection
- ④ High speed wireless N300 capable
- ④ WPS button for easy pairing with wireless clients
- ④ Connects directly to the wall - allows for unobtrusive placement within the home/office





## SPECIFICATIONS

### STANDARDS

- Wireless: IEEE802.11n, IEEE802.11b/g
- Ethernet: IEEE802.3 10/100, IEEE802.3u, IEEE802.3ab

### NETWORK SUPPORT

- OFDM 1024/256/64/16/8 QAM, QPSK, BPSK and ROBO Modulation Scheme Wireless
- IEEE802.11n: BPSK, QPSK, QAM-16, QAM-64
- IEEE802.11g: BPSK, QPSK, QAM-16, QAM-64
- IEEE802.11b: CCK, QPSK, BPSK

### SECURITY

- Wireless: 64/128-bit WEP, WPA, WPA2

### HARDWARE

- Key Chipset: Ralink RT3052 Network Processor + WLAN Controller
- SPI FlashRom: 4MB
- SDRAM: 16MB

### OPERATING SYSTEMS

- OS Independent with TCP/IP protocol installed

### POWER REQUIREMENTS

- Supply voltage range: 100VAC - 240VAC (50/60Hz)
- Power Consumption: Less than 4W
- Max Current: 0.12A

### LED INDICATORS

- 1 x Power LED
- 1 x Ethernet LED
- 1 x Wireless on/off
- 1 x WPS button and LED

### EXTERNAL CONNECTORS

- 1 x RJ45 for 10/100 Base T-LAN
- 1 x Reset button
- 2 x Internal antennas

### MEASUREMENTS

- 105mm x 58mm x 42mm
- 160g / adapter

### ENVIRONMENTAL TEMPERATURE

- Operating: 0°C to 40°C
- Non-Operating: -25°C to 70°C

### HUMIDITY

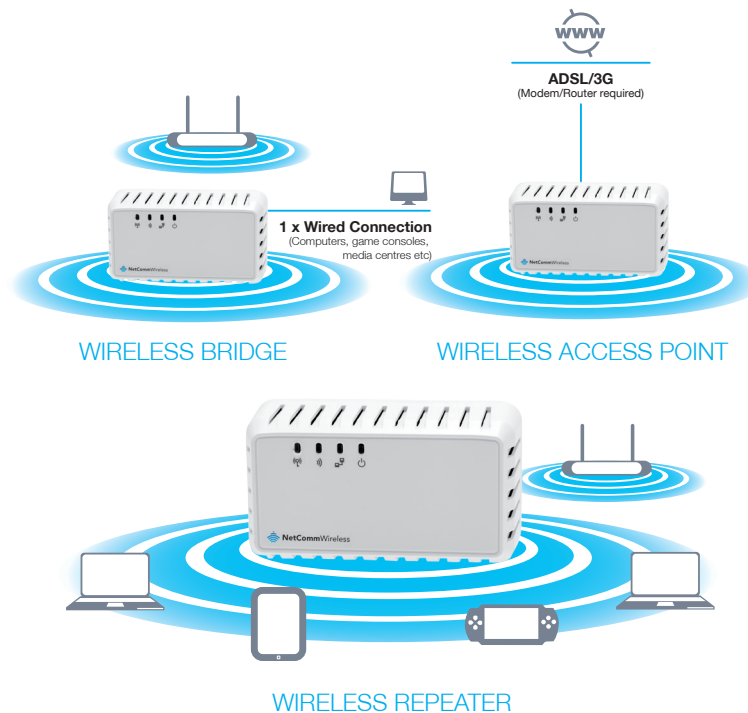
- Operating: 30% to 90% relative humidity (non-condensing)
- Non-Operating: 30% to 95% relative humidity (non-condensing)

### REGULATORY APPROVAL

- SSA110503
- C-Tick

# Wireless N Extender

## 3 Devices in 1



The NetComm **Wireless N Extender** is the perfect product to combat weak wireless signals in the home or office. With its triple functionality, the NP124 is the perfect product to give users a massive wireless boost.

If you have an existing wireless network that cannot service all areas, the NP124 will work as a wireless repeater. Simply plug the device into a convenient location, it will pick up the existing weak wireless signal and redistribute a strong wireless signal for users to connect to. No more non-existent, unstable or inconsistent wireless signals in the upstairs bedrooms, living rooms at the end of the house or the far corner office.

If you have an existing Internet connection but no wireless or older Wireless G, then the NP124 can connect directly into your modem/router and act as a wireless N access point. When in access point mode the NP124 connects into your modem/router by Ethernet cable and makes available a high speed wireless signal that multiple users can connect to.

If you have a specific product, like an Internet enabled TV or gaming console that you want a wired connection to, then use the NP124 in wireless bridge mode.

The NP124 is designed to connect directly into the wall and its tidy housing makes it an unobtrusive fixture in any home or office. Also featuring a WPS button and advanced wireless security options, the NP124 is an ideal solution for enabling wireless connectivity throughout your entire home or office.

<sup>1</sup> Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g and 802.11n 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.



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