

NETCOMM POWERLINE™ SERIES 200Mbps Wireless N300 Powerline Adapter

NetComm®



KEY FEATURES

- ④ High speed powerline data rates of up to 200Mbps¹
- ④ High speed Wireless N access point
- ④ Two Ethernet LAN ports for wired connections
- ④ Range of up to 200 metres (point to point)
- ④ Simple Connect push button for simple setup of powerline network
- ④ Extend or create an Ethernet network using existing household powerpoints

| Model Code/ Part Number | Description | APN Code |
|-------------------------|--------------------------------------|---------------|
| NP202Wn | 200Mbps Wireless N Powerline Adapter | 9317773014099 |

NETCOMM POWERLINE™ SERIES

200Mbps Wireless N300

Powerline Adapter

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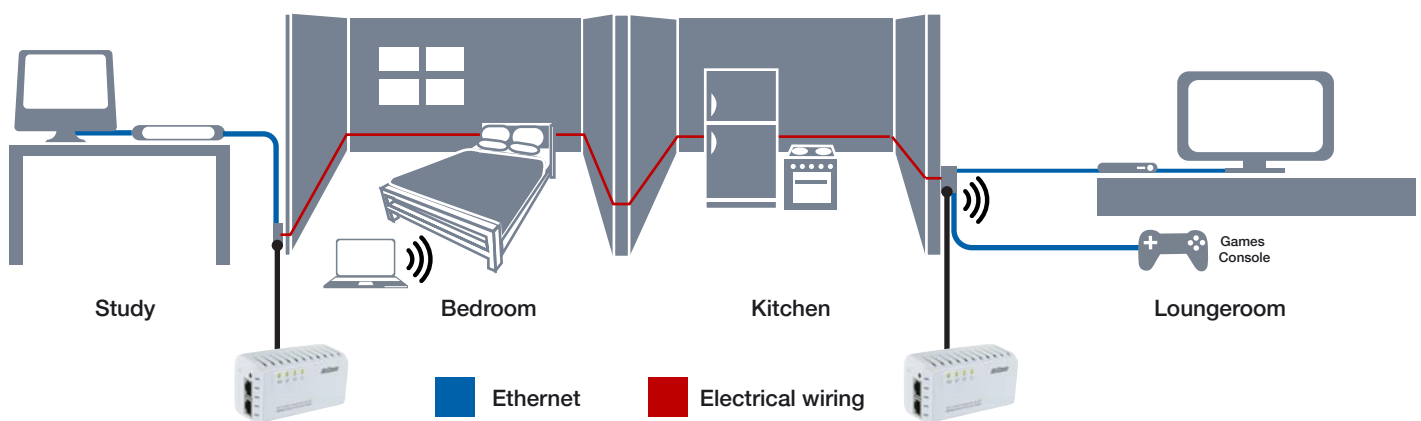
NetComm's 200Mbps Wireless N Powerline Adapter harnesses the potential of Ethernet-over-powerline technology to provide you with an easy, reliable and secure method for providing Internet access to devices in your home. As this is a true plug and play product, the NP202Wn can simply connect to an existing 200Mbps powerline network or create a new 200Mbps powerline network.

With the NP202Wn you have the option of connecting your devices to the Internet via the two Ethernet LAN ports as a wired connection or with high speed Wireless N that doesn't require a physical connection to the NP202Wn.

Powerline Networking is suitable for many different tasks, from simply allowing you to share your broadband service with multiple devices, to sharing your digital content quickly and easily between your PCs and consumer entertainment (CE) devices (Gaming Consoles, IPTV, Set-top boxes) anywhere in your home or office, without installing additional LAN cables.

NetComm's NP202Wn is capable of up to 200Mbps¹ data transmission meaning it is perfect for delivering consistent, high-quality streaming of audio and SD (Standard-Definition)/ HD (High-Definition) video content.

¹ Maximum throughput based on theoretical transmission PHY rate. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic and network overhead, may lower actual data throughput rate. Interference from devices that emit electrical noise, such as vacuum cleaners and hair dryers, may adversely affect the performance of this product.



TECHNICAL SPECIFICATIONS

STANDARDS

- Powerline: HomePlug AV
- Wireless: IEEE 802.11b/g/n
- Ethernet: IEEE 802.3 10/100 Auto MDI/MDIX

PROTOCOLS

- Powerline: CSMA/CA over powerline in your home
- Wireless: CSMA/CA, EDCA

MODULATION SUPPORT

Powerline: OFDM 1024/256/64/16/8 QAM, QPSK, BPSK, ROBO
Wireless: CCK, BPSK, DQPSK, QPSK, QAM

DATA TRANSFER RATE

Powerline: Up to 200Mbps over powerline
Wireless: Up to 300Mbps via wireless

RANGE

Powerline: Up to 200m over powerline
Wireless: Up to 300m via wireless

SECURITY

Powerline: 128-bit AES encryption (enabled with Simple Connect button)
Wireless: WEP, WPA, WPA2

HARDWARE

Powerline: Intellon INT6400 HomePlug AV Chipset
Wireless: Ralink RT3052 Wireless N Chipset

PHYSICAL SPECIFICATIONS

LED Indicators:
1 x Power LED
1 x PowerLine Link/Activity Status LED
1 x Ethernet Link/Activity Status LED
1 x Wireless Link/Activity LED
External Connectors:
1 x Electrical Power Plug
2 x RJ45 for 10/100 Ethernet (AutoMDI/MDIX)
1 x Reset Button
1 x Push button for both WPS and Simple Connect
Measurements:
Dimension: 105mm (H) X 58mm (W) X 42mm (D)
Weight: Approx. 190g / unit
Power Consumption
Nominal 7.0Watt, Standby 5Watt, 1.2A
Power Supply
AC 100 ~240V, 50~60Hz

ENVIRONMENTAL

TEMPERATURE

Operating: 0° to 40° Celsius
41° to 113° Fahrenheit
Non-Operating: -25° to 70° Celsius
-13° to 158° Fahrenheit

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

REGULATORY APPROVALS

C-Tick

NOTE :
Specifications subject to change without prior notice.

NetComm®

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