

WPN802

RangeMax™ Wireless Access Point

- *Help is there when you need it! NETGEAR provides 24x7 technical support* in English, with selected local language support during office hours.*

Unprecedented wireless coverage and speed for your network!

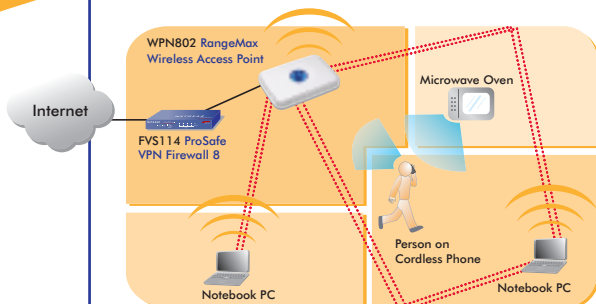
Now, everyone in your network has the freedom to work wherever they wish, without worrying about system interference or dropouts – with NETGEAR's RangeMax Wireless Access Point! Add this device to your Ethernet network, and you'll have reliable, high-speed wireless access that's up to 10 times** the coverage of standard 802.11g technology. RangeMax Wireless Access Point navigates through possible signal interference (at speeds up to 108 Mbps), turning your former "dead zones" into hot spots! Fully compatible with your existing 802.11g and 802.11b systems and devices, NETGEAR's RangeMax Wireless Access Point is the ideal complement to your growing network.

- Reliable Wireless Access** ● RangeMax is an advanced Smart MIMO (Multi-In, Multi-Out) technology that uses seven internal antennas. RangeMax constantly surveys your home environment for physical barriers and interference and adjusts the wireless signal to compensate for these performance blockers. For example, if you carry your laptop from the family room to the bedroom, RangeMax automatically senses the change and selects from over 100 possible antenna configurations to deliver you the fastest, clearest connection! Everyone will enjoy consistently high-speed connections, everywhere in your home or business – no drop-outs, and no dead spots.

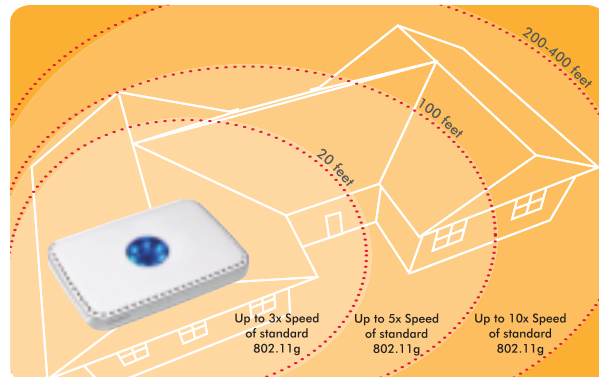
- Range Matters** ● Using your RangeMax Wireless Access Point couldn't be simpler: just plug it into your existing router. That's it! NETGEAR Smart Wizard configuration assistant provides simple-to-understand prompts to guide you through the setup. Once it's up and running, every member of your network will enjoy data transfer speeds of up to 108 Mbps – and, wireless coverage of up to 500,000 square feet when used with a NETGEAR RangeMax wireless client! And you don't need to throw away your old wireless devices; RangeMax is 100% compatible with your existing 802.11b/g products and will boost their range and speed by up to 50%

- Safety, Security** ● There's no need to worry about unauthorized use of your network. Your RangeMax Wireless Access Point offers the safety 64-bit Wired Equivalent Privacy (WEP) technology with 128-bit encryption, as well as Wi-Fi Protected Access (WPA), Pre-Shared Key technology, and Wireless MAC address authentication.





Adapts to interferences on-the-fly



Mimo-G speeds throughout your home with RangeMax

Product Specifications

- **Standards:**
 - IEEE 802.11b, IEEE 802.11g, 2.4 GHz
- **Wireless:**
 - Standard: IEEE 802.11g 54 Mbps
 - Atheros 108 Mbps Super G Technology
- **Physical Interfaces:**
 - LAN Port: One (1) 10/100BASE-T Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X)
 - Power adapter: Output 12 V, 1A; plug is localized to country of sale
 - Four (4) LEDs: Power, Test, Link/ACT, and WLAN 802.11g
- **Physical Specifications:**
 - Dimensions: 8.8 x 6 x 1.2 in. (223 x 153 x 31 mm)
 - Weight: 1.2 lbs (.5 kg)
- **Warranty:**
 - NETGEAR 1-year warranty

System Requirements

- Broadband (cable/DSL) router with Internet service and Ethernet port
- 2.4 GHz 802.11 b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer
- Windows® 98, Me, NT, 2000, XP, Mac® OS, NetWare®, UNIX®, or Linux®
- Internet Explorer 5.0 or Netscape® 4.7 or higher

We recommend using this product with the WPN111, WPN311, or WPN511 RangeMax Wireless Adapters

Package Contents

- RangeMax Wireless Access Point WPN802
- 12V, 1.0 A power adapter, localized to country of sale
- Ethernet cable
- Vertical stand
- Setup Guide
- Resource CD
- Warranty/Support information card

Key Features

- **Performance Advantages:**
 - When used with RangeMax client adapters, delivers the longest range of any wireless technology on the market up to 500,000 square feet of uninterrupted coverage**
 - Maintains video quality up to 10 times the effective speed when at long distances
 - Improves performance of existing legacy 802.11b and 802.11g wireless devices up to 50%
 - Data speed of up to 108 Mbps**
 - Wireless repeater mode support with Wireless Distribution System (WDS)
- **Security:**
 - Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption
 - Wi-Fi Protected Access (WPA, Pre-Shared Key)
 - Wireless Access Control (SSID) to identify authorized wireless network devices
 - Supports 2 VPN pass-through tunnels (IPSec, L2TP, PPTP)
 - MAC address authentication using access control lists (ACL)

NETGEAR Related Products

- RangeMax PC Card (WPN511)
- RangeMax USB Adapter (WPN111)
- RangeMax PCI Adapter (WPN311)
- Wireless Print Server (WGPS606)
- 54 Mbps Wireless Game Adapter (WGE111)
- PCMCIA Card (FA411)
- CardBus (FA511)
- PCI Adapter (FA311)
- USB 2.0 Adapter (FA120)
- USB Print Server (PS121)
- Powerline Bridge (XE102 - US only)



Smart MIMO technology by:



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* Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

**Actual performance may vary due to operating conditions