

Upgrade simply and securely to Wireless-N

- Upgrade your home network and computer to new Wireless-N
- Simultaneously surf, stream HD video, play on-line games and make VoIP calls
- Wireless-N router with matching USB adapter delivers superior performance, range
- Push 'N' Connect securely connects your computer at the touch of a button

Features

- New Wireless-N router with matching USB adapter delivers superior performance and range
- Easy setup with Smart Wizard® Installation CD
- Push 'N' Connect using Wi-Fi Protected Setup™ (WPS) allows you to add computers to the network quickly and securely
 - No need to remember your network password
- Automatically checks for and upgrades to the latest firmware for optimal performance
- Internal antennas deliver maximum performance and range

Green Networking

- Convenient on/off switch helps save energy when not in use
- Efficient Energy Star compliant power supply
- Packaging manufactured with at least 80% recycled materials



SPEED
UP TO
15x
COVERAGE
UP TO
5x

**Wireless-N
USB Adapter
Included**

Which is the Best Product for You?	Wireless-G	Wireless-N	RangeMax™ Dual Band Wireless-N Avoids Interference
Speed ¹	1x	15x	15x
Coverage ¹	1x	5x	10x
Avoids interference	Good	Better	Best
No. of antennas	2	2 internal	8 internal
No. of free channels	3	3	Up to 23
Surf the Internet, email and online chat	✓	✓	✓
Streaming music/radio	✓	✓	✓
Multiple PCs wirelessly connecting to the Internet		✓	✓
Internet phone calls (VoIP)		✓	✓
Heavy Internet usage		✓	✓
Larger homes and multiple rooms		✓	✓
Multiplayer gaming		✓	✓
Simultaneous downloads, voice, music, VoIP streaming		✓	✓
Improved performance with internal Wireless-N notebooks		✓	✓
Networked or shared storage/ large file sharing		✓	✓
Multiple HD videos and lag-free network gaming			✓

Maximum performance requires use with RangeMax Wireless-N adapters

Included

RangeMax Wireless-N Laptop Adapter (WN511B) RangeMax Wireless-N PCI Adapter (WN311B) RangeMax Wireless-N USB 2.0 Adapter (WN111) RangeMax Wireless-N ExpressCard Adapter (WN711)



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Router Specifications

System Requirements

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 2.4 GHz 802.11n draft specification adapter or 2.4 GHz 802.11 b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer
- Microsoft® Windows® Vista™, XP, 2000, Mac® OS, UNIX®, or Linux®
- Internet Explorer® 5.0 or Netscape® 4.7 or higher
- We recommend using this product with the RangeMax™ Wireless-N Adapters (WN511B, WN311B, WN111, WN711, WNDA3100)

Standards

- IEEE 802.11n draft version 2.0, IEEE 802.11g, IEEE 802.11b, 2.4 GHz

Physical Specifications

- Dimensions: 177.5 x 130 x 35 mm (7 x 5.1 x 1.4 in)
- Weight with power adapter: 0.399 kg (0.88 lb)

Ease of Use

- Push 'N' Connect makes connecting to your secure network simple and fast using Wi-Fi Protected Setup (WPS)
- Smart Wizard® simplifies setup by automatically detecting and configuring your router for virtually all ISP connections

Security

- Double firewall:
 - Network Address Translation (NAT) to hide PCs and files from outside users
 - Stateful packet inspection (SPI) firewall to deny outside requests for personal information
- Denial-of-service (DoS) attack prevention
- Intrusion detection and prevention (IDS)
- Wi-Fi Protected Access™ (WPA2-PSK, WPA-PSK)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption
- Wireless Access Control to identify authorized wireless network devices
- Exposed Host (DMZ) for secure gaming
- Wi-Fi Protected Setup™ (WPS), push-button and PIN

Privacy & Parental Control

- "Trusted user" control
- Time-based usage controls
- Web site logging
- Remote management
- URL content filtering

Functions

- Supports Wi-Fi Multimedia (WMM) based Quality of Service (QoS)
- Auto FW detection algorithm

USB Adapter Specifications

System Requirements

- Desktop or notebook PC with Intel® Pentium® 300 MHz-compatible processor or higher
- Available USB 1.1 or USB 2.0 slot
- Microsoft® Windows® Vista™, XP, or 2000 SP4

Physical Specifications

- Dimensions (l x w x h): 86.7 x 27.7 x 13.3 mm (3.42 x 1.09 x .53 in)
- Weight: 21.5 g (0.76 oz)

Wireless Speeds†

- 802.11b: 1, 2, 5.5, 11 Mbps
- 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11n Draft 2.0: 6, 6.5, 13, 13.5, 19.5, 26, 27, 39, 40.5, 53, 54, 58.5, 65, 78, 81, 104, 108, 117, 121.5, 130, 135, 162, 216, 243, 270, 300 Mbps
- Improves network performance up to 50% when used with legacy 802.11b/g wireless routers

Standards

- IEEE 802.11n draft 2.0 specification, IEEE 802.11b, IEEE 802.11g, 2.4 GHz

Security

- Wi-Fi Protected Access (WPA2-PSK, WPA-PSK)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption for IEEE 802.11b and IEEE 802.11g

Ease of Use

- Smart Wizard® simplifies setup and Touchless Wi-Fi Security makes connecting to secure networks simple and fast

Warranty

NETGEAR 1-year Warranty

Package Contents

- Wireless-N Router (WNR2000)
- RangeMax™ Wireless-N USB 2.0 Adapter (WN111v2)
- Stand
- Ethernet cable
- Setup CD
- 12V, 1.0A power adapter
- Warranty/support information card



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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.

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

‡"N", "Wireless-N" and "draft 802.11n" refer to compliance with IEEE 802.11n draft specification version 2.0 only.

¹Up to 15x more speed and 5x more coverage than Wireless-G. Maximum performance compared to Wireless-G, when used with related wireless adapters.