



Experience the Next generation of networking – up to 270Mbps networking

- Perfect for streaming video and music, online gaming and networking multiple PCs
- Delivers Wireless-N speeds up to 270 Mbps
- Easy set up with Smart Wizard® installation software
- Maximum performance requires use with NETGEAR Wireless-N routers

Features

- Delivers consistent wireless connections—no more dropped connections or dead spots
- Provides enough bandwidth to support file sharing, music downloads, Internet phone calls and multimedia applications
- Backward compatible with Wireless-G standard products†
- Designed for your notebook PC
- Supports Windows® Vista™

SPEED
15x
COVERAGE
10x
Maximum performance compared to Wireless-G, when used with latest wireless routers.

Choose the NETGEAR product that is designed to meet your needs.

Which is the Best Product for You?	Wireless-G	RangeMax™ NEXT Wireless-N
Speed†	1x	15x
Coverage†	1x	10x
Surfing the Internet	✓	✓
Email and online chat	✓	✓
Public hotspot compatible	✓	✓
Streaming music	✓	✓
Multiple PCs wirelessly connecting to the Internet	✓	✓
Internet phone calls (VoIP)		✓
Heavy Internet usage		✓
Larger homes and multiple rooms		✓
Multimedia/video streaming		✓
Multiplayer gaming		✓
Simultaneous downloads, voice, music, VoIP streaming		✓
Networked entertainment and streaming HD video		✓
Networked or shared storage/ large file sharing		✓



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What is NETGEAR's RangeMax NEXT Wireless-N?

RangeMax NEXT extends the possibilities of your wireless home network by providing wireless speeds of up to 270Mbps. This next generation wireless standard utilizes advanced MIMO (Multi-In, Multi-Out) technology, which delivers incredible speed and range, and for the first time provides wireless interoperability at the highest speeds.

A RangeMax NEXT wireless network creates and maintains stable connections and enough bandwidth to surf the Internet, download MP3s, make Internet phone calls, share files, play network games, and stream high-definition videos, simultaneously† at any distance or location in the home or small office. Because RangeMax NEXT is compatible with all legacy b and g wireless products, you are sure to be connected.

Preset internal antennas provide maximum performance and high-quality streaming every time. Touchless WiFi Security makes creating the highest level of network security easy and includes WEP, WPA-PSK, or WPA2-PSK. Setup is simple thanks to NETGEAR's Smart Wizard® and 24/7 technical support*.

Maximum performance requires use with RangeMax NEXT Wireless Routers



RangeMax NEXT Wireless Router (WNR834B)



RangeMax NEXT Wireless Notebook Adapter connects to Laptop (WN511B)

System Requirements

- 2.4 GHz 802.11n draft specification wireless
- network or 2.4 GHz 802.11b/g wireless network
- Microsoft® Windows® Vista, XP, 2000, 98, Me
- Intel® Pentium®-class notebook PC of 300 MHz or higher with an available PC Card slot
- We recommend using this product with the RangeMax NEXT Wireless Router (WNR834B)

Physical Specifications

- Dimension: 123 x 54 x 8.5 mm (4.84 x 2.13 x .33 in)
- Weight: 1.0oz (56g)

Wireless Speeds

- 802.11b: 1,2,5.5,11 Mbps
- 802.11g: 6,9,12,18,24,36,48,54 Mbps
- EWC/ 802.11n Draft: 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, 270Mbps
- Improves network performance up to 50% when used with legacy 802.11b/g wireless routers

Standards

- IEEE802.11n draft specification, IEEE 802.11b, IEEE802.11g, 2.4 GHz

Security

- WiFi protected Access (WPA2- PSK, WPA- PSK)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption for IEEE 802.11b and IEEE802.11g

Ease of Use

- SmartWizard simplifies setup by automatically detecting and configuring your router for virtually all ISP connections

Warranty

- NETGEAR 1- year warranty

Package Contents

- RangeMax NEXT Wireless-N Notebook Adapter (WN511B)
- Setup CD
- Warranty/Support Information Card

NETGEAR Related Products-Wireless

- Notebooks:
 - RangeMax NEXT Wireless-N Routers (WNR834B, WNR834M)
- Desktops:
 - RangeMax NEXT Wireless-N Routers (WNR834B, WNR834M)
- Storage: Storage Central (SC101)
- Powerline: Powerline HD (HDXB101)

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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

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