

Experience the Next Generation – up to 300 Mbps Networking



- Upgrades your computer to Wireless-N Wi-Fi
- Faster downloads and file transfers plus enhanced media streaming
- Patented micro-antennas provide better speed and range than other N adapters
- Easy setup 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 music downloads, file sharing and multimedia applications†
- Backward compatible with Wireless-G hotspots
- Designed for your notebook or desktop PC
- Supports Windows® Vista™

SPEED
15x
COVERAGE
10x
Maximum performance compared to Wireless-G when used with related 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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†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.



What is NETGEAR's RangeMax NEXT Wireless-N?

The RangeMax Next Wireless-N USB 2.0 Adapter, based on Wireless-N technology, provides 15X the speed and 10X the range compared to 802.11g adapters, when paired with a Wireless-N Router. It is backward compatible with legacy 802.11b/g wireless standard products. Smart Wizard® simplifies setup and Touchless WiFi Security makes connecting to secure networks simple and fast. The WN111 can plug in to any of the USB ports of your notebook or desktop computer to upgrade it to high-speed Wireless-N.

The small form factor and performance of WN111 is made possible with the use of patented Micro Antenna technology.

The WN111 secures enough bandwidth and range to support file sharing, MP3 downloads, Internet phone calls, network gaming and multimedia applications all simultaneously and at consistent speeds.†

Maximum performance requires use with RangeMax NEXT Wireless-N Routers.



Notebook connects with RangeMax NEXT Wireless-N USB 2.0 Adapter (WN111)



RangeMax NEXT Wireless-N Routers (WNR834B, WNR834M, WNR854T)

System Requirements

- Desktop or notebook PC with Pentium 300 MHz-compatible processor or higher
- Available USB 1.1 or USB 2.0 slot
- Microsoft® Windows® Vista™, XP, 2000 SP4
- We recommend using this product with RangeMax NEXT Wireless-N routers (WNR834B/M, WNR854T Gigabit version) and RangeMax NEXT Wireless-N Modem Router (DG834N)

Physical Specifications

- Dimensions: 94.5 x 30.2 x 15.2 mm (3.72 x 1.19 x .6 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: 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 (300 Mbps when used with WNR834M & WNR854T only)
- Improves network performance up to 50% when used with legacy 802.11b/g wireless routers

Standards

- IEEE 802.11n draft 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
- Smart Wizard™ simplifies setup and Touchless Wi-Fi Security makes connecting to secure networks simple and fast

Warranty

- NETGEAR 1-year warranty

Package Contents

- RangeMax NEXT Wireless-N USB 2.0 Adapter (WN111)
- Installation guide
- Setup CD
- Warranty/support information card

NETGEAR Related Products

- RangeMax NEXT Wireless-N Router (WNR834B/M)
- RangeMax NEXT Wireless-N Router – Gigabit Edition (WNR854T)
- RangeMax NEXT Wireless-N Modem Router (DG834N)



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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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