






Better connections using dual band Wireless-N

- Wirelessly surf, email, stream HD video, on-line game, make Internet phone calls
- Less interference and better connections using dual band Wireless-N
- Better speed and range than other USB Wireless-N adapters
- Easy and secure wireless connections
- Works with older Wi-Fi as well as new Wireless-N networks

Features

- Delivers consistent wireless connections using Dual Band Wireless-N
- Provides enough bandwidth to support music downloads, file sharing and HD multimedia applications
- Works with all new Wireless-N Gateways, Routers and Access Points
- Backward compatible with older Wireless-G hotspots
- Designed for your notebook or desktop PC
- Supports Windows® Vista™

Choose from a complete line of NETGEAR products that are designed to meet your needs

Which is the Best Product for You?	 Wireless-G	 RangeMax Next Wireless-N	 RangeMax Dual Band Wireless-N
Coverage†	1x	10x	10x
Speed†	1x	15x	15x
Avoids interference	Good	Better	Best
No. of antennas	2	3 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		✓	✓
Networked entertainment and streaming HD video		✓	✓
Networked or shared storage/ large file sharing		✓	✓
Multiple HD videos and lag-free network gaming			✓

SPEED
UP TO
15x

COVERAGE
UP TO
10x

Avoids Interference

Better Connections



Maximum performance requires use with RangeMax NEXT Wireless Routers



RangeMax Dual Band Wireless-N USB Adapter (WNDA3100) connects to Laptop or Desktop PC



RangeMax Wireless-N Routers (WNDR3300, WND3500, WNHDE111)



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™ or XP

Standards

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

Wireless Speed[†]

- 802.11b/g, 802.11a, 802.11n draft (2.4 GHz/5 GHz)

Physical Specifications

- Dimensions (l x w x h): 94.5 x 30.2 x 15.2 mm (3.72 x 1.19 x .6 in)
- Weight: 21.5 g (0.76 oz)

Ease of Use

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

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

Related Products

- RangeMax Dual Band Wireless-N Router (WNDR3300)
- HD/Gaming 5 GHz Wireless-N networking Kit (WNHDE111/ WNHDEB111)
- RangeMax Next Wireless-N routers (WNR834B, WNR854T Gigabit version)
- RangeMax Next Wireless-N Modem Router (DG834N)

Warranty

- NETGEAR 1-year Warranty (see information enclosed)

Package Contents

- RangeMax™ Dual Band Wireless-N USB Adapter (WNDA3100)
- Installation guide
- Resource CD
- 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.

[†]Up to 15x more speed and 10x more coverage than Wireless-A. Maximum performance compared to Wireless-A, when used with related wireless adapters.

[‡]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.