

WIRELESS COMPARISON

Standard G

RangeMax™

RangeMax™ NEXT



| | | Standard G | RangeMax™ | RangeMax™ NEXT |
|----------------------|--|---|-----------|----------------|
| Speed | 54 Mbps* | ○ | ○ | ● |
| | 108 Mbps* | | ○ | ● |
| | 240 Mbps* | | | ● |
| | Up to 300 Mbps* interoperation with like products | | | ● |
| | Equivalent to Wired 10/100 Fast Ethernet* | | | ● |
| | Maintains the highest speeds throughout the entire home | | | ● |
| | Speed vs. Standard G | | 10x | 14x |
| Coverage | Coverage vs. Standard G | | 10x | 10x |
| | Standard Range (typical) - 1 to 2 Rooms | ○ | ○ | ● |
| | Standard Range (typical) - 3 to 4 Rooms | | ○ | ● |
| | Extended Range (typical) - Whole Home | | ○ | ● |
| | MIMO Technology - Adapts on-the-fly to interface | | ○ | ● |
| | Eliminates dead spots - large home coverage | | ○ | ● |
| | Internal antennas – no risk of breaking | | ○ | ● |
| | Steady-Stream connections | | | ● |
| | Draft 11n-True-Test high performance testing and tuning | | | ● |
| | | Draft 11n-True-Test high performance testing and tuning | | |
| Compatibility | Public Hotspots, 802.11b, 802.11g standard Wi-Fi, Built-in Laptop Wireless | ○ | ○ | ● |
| | Draft 802.11n Specifications** | | | ● |
| Security | Double Firewall (SPI & NAT), Touchless WIF/Security (WEP, WPA/ PEK, WPA2, PSK) | ○ | ○ | ● |
| | Security Dashboard Parental Controls | | ○ | ● |
| Great for | Seconds to transfer a 6MB MP3† | 40-50 | 5-8 | 3-4 |
| | Minutes to transfer a 1GB movie† | 90-100 | 18-22 | 7-9 |
| | Internet sharing | ○ | ○ | ● |
| | Faster Internet connections for multiple users | | ○ | ● |
| | Better speeds for streaming music and downloading larger files | | ○ | ● |
| | Consistent speeds for streaming videos, playing music, sharing photos and downloading larger files | | ○ | ● |
| | Simultaneous HD video streaming, gaming, sharing photos, VoIP, network file storage, downloading files, playing MP3s | | | ● |
| Ease-of use | Smart Wizard Install Assistant | | ○ | ● |
| | 24/7 Technical Support | | ○ | ● |

* Maximum performance achieved when used with corresponding wireless adapter. Actual performance will vary due to environment.

** Draft 802.11n Specifications refers to draft version 1.0 March 2006; Netgear makes no commitments to upgradeability to ratified 802.11n nd Upload times are based on file transfers between PCs on the same network.

† Download times are based on throughput to another computer on the same Network 2 floors and 2 rooms away.

NETGEAR®

4500 Great America Parkway Santa Clara, CA 95054 USA

E-mail: info@NETGEAR.com Phone: 1.888.NETGEAR www.NETGEAR.com

© 2006 NETGEAR, Inc. NETGEAR®, the NETGEAR logo, Auto Uplink, ProSafe, Smart Wizard and RangeMax are trademarks or registered trademarks of NETGEAR, Inc. in the United States and/or other countries. Microsoft, Windows, and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change without notice. This product has been tested for quality assurance and the product or its components may have been recycled. All rights reserved.