



Experience the NEXT generation – up to 300 Mbps Wireless Access Point with Gigabit wired support

What does the RangeMax™ NEXT Wireless-N Access Point do?

- WiFi certified for draft 2.0 of 802.11n[†], so it will work with all draft 2.0 802.11n notebooks
- Backwards compatible with 802.11b/g WiFi networks to support legacy wireless devices
- Maximizes wireless-to-wired performance with a Gigabit Ethernet port
- Ensures optimum performance and maximum coverage with preset internal antennas
- Supports WMM for traffic prioritization and power savings
- Extends your network using WDS point-to-point or point-to-multipoint modes
- Protects your wireless network with business-class security features such as WPA2, MAC authentication and 802.1x

What is RangeMax NEXT?

The RangeMax NEXT Wireless-N Access Point extends your home or small business network by providing highspeed access up to 300 Mbps with Gigabit wired support at the backend. The WN802T is WiFi certified for draft 2.0 of 802.11n, which means it can work with all WiFi-certified 802.11n notebooks and adapters on the market. This next generation wireless standard utilizes advanced MIMO (multiple-input, multiple-output) technology, which delivers incredible speed and range. Supported with a Gigabit Ethernet port, this access point makes the most of the advanced wireless transfer speeds.

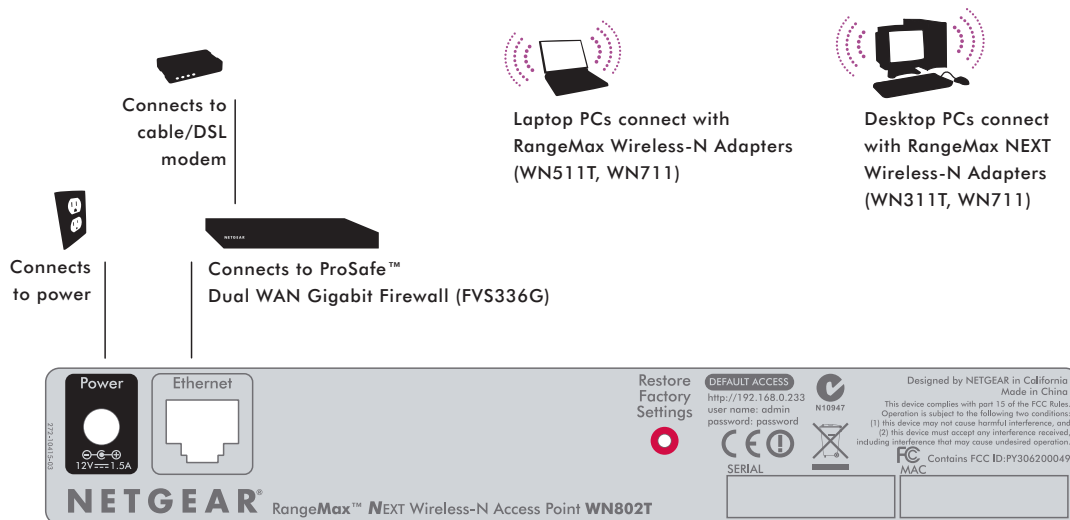
A RangeMax NEXT wireless network creates and maintains stable connections and enough bandwidth to surf the Internet, download emails, make Internet phone calls, share files, and stream high-definition videos, simultaneously** at any distance or location in the SOHO. Preset internal antennas provide maximum performance and high-quality streaming without guessing how they should be positioned. Wireless Multimedia (WMM) prioritization ensures that time-sensitive traffic like Internet phone calls or video have priority over Internet surfing or file sharing. Because RangeMax NEXT is compatible with all legacy b and g wireless products, you are sure to be connected. The RangeMax NEXT Wireless-N Access Point connects to any router to extend your network.

The RangeMax Next Wireless Access Point protects your wireless network with a variety of business-class security technologies. WPA2 provides encryption of the data flying around your network, while MAC authentication and 802.1x ensures that only the right people are able to connect to your access point. Enjoy blazing speeds, vast wireless coverage, and stable connections, confident that your data is safe.

24/7
TECHNICAL
SUPPORT[®]

1-888-NETGEAR (638-4327)
Email: info@NETGEAR.com

bg **WiFi** **n**
CERTIFIED[®] DRAFT



System Requirements

- 2.4 GHz 802.11n draft specification adapter or 2.4 GHz 802.11b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer Microsoft® Windows 98, Me, 2000, XP, Mac® OS, UNIX®, or Linux®
- Internet Explorer® 6.0, or later
- We recommend using this product with RangeMax Wireless Adapters (WN511B, WN311B, WN711)

Standards

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

Advanced Features

- Wi-Fi Multimedia™ (WMM) to optimize audio, video, and voice applications
- Wi-Fi Multimedia Power Save (WMM-PS, a.k.a., Unscheduled Automatic Power Save Delivery (u-APSD)) to save battery life on Wi-Fi phones
- Wireless Distribution System (WDS)(repeater mode)

Physical Specifications

- Dimensions: 225.5 x 172 x 39 mm (8.9 x 6.8 x 1.5 in)
- Weight: .56 kg (1.2 lb)

Security

- Wi-Fi protected Access (WPA2-PSK, WPA-PSK) Wired Equivalent Privacy (WEP) 64 bit, 128 bit encryption for IEEE 802.11b and IEEE802.11g
- Wireless access control to identify authorized wireless network devices
- MAC address authentication
- 802.1x RADIUS support with EAP, TLS, TTLS, PEAP

Warranty

- NETGEAR 1-year Warranty

Package Contents

- RangeMax NEXT Wireless-N Access Point (WN802Tv1)
- 12V, 1.5A power adapter, localized to country of sale
- Ethernet cable
- Stand
- Wall-mount kit
- Resource CD
- Installation guide
- Warranty/support information card

NETGEAR Related Products

- WN511B RangeMax Wireless-N Notebook Adapter
- WN311B RangeMax Wireless-N PCI Adapter
- WN711 RangeMax Wireless-N ExpressCard Adapter

Ordering Information

- North America: WN802TNA
- Italy, Sweden, France and Germany: WN802TIS
- UK: WN802TUK
- Germany: WN802TGR
- Australia/Pacific: WN802TAU

NETGEAR®

350 E. Plumeria Drive
San Jose, CA 95134-1911 USA
1-888-NETGEAR (638-4327)
E-mail: info@NETGEAR.com
www.NETGEAR.com

© 2008 NETGEAR, Inc. NETGEAR, the NETGEAR Logo, NETGEAR Digital Entertainer Logo, Connect with Innovation, FrontView, IntelliFi, PowerShift, ProSafe, RAIDar, RAIDiator, X-RAID, RangeMax, ReadyNAS and Smart Wizard are trademarks of NETGEAR, Inc. in the United States and/or other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder (s). Information is subject to change without notice. All rights reserved.

* 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.

†“N”, “Wireless-N” and “draft 802.11n” refer to Wi-Fi certification of IEEE 802.11n draft specification version 2.0 only.

**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.