



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?

- Complies with draft 2.0 of 802.11N⁺, backwards compatible with 802.11b/g Wi-Fi
- Interoperates at 300 Mbps** with other products with TopDog™
- Maximizes wired performance with Gigabit Ethernet port
- Ensures optimum performance and maximum coverage with preset internal antennas

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 compliant with draft 2.0 of 802.11n. This next generation wireless standard utilizes advanced MIMO (multiple-input, multiple-output) technology, which delivers incredible speed and range, and for the first time provides wireless interoperability at the highest speeds with other products with TopDog™.

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. 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.

Preset internal antennas and 11n-True Test, high-performance testing and tuning, provides 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 and secure.

Which is the Best Product for You?	Wireless-G	RangeMax	RangeMax Next Wireless-N Gigabit Edition
Speed ¹	1x	10x	15x
Coverage ¹	1x	10x	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			✓
Gigabit Ethernet			✓
Maximum wireless-to-wired network speeds			✓
Greater than 150 Mbps ¹ throughput from a PC or HD media server			✓

Maximum performance requires use with RangeMax Next Wireless-N Adapters

RangeMax NEXT Wireless-N Notebook Adapter (WN518/T)

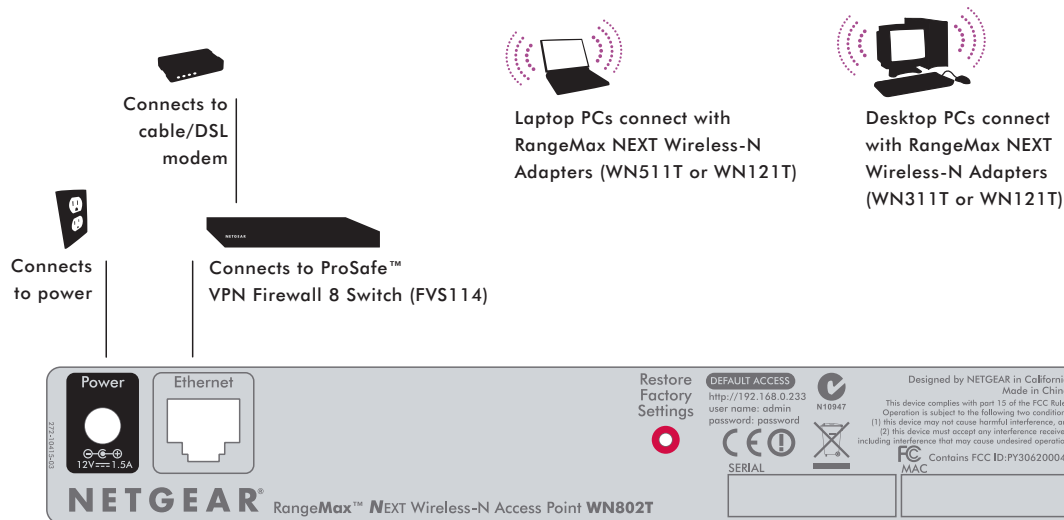
RangeMax NEXT Wireless-N PCI Adapter (WN318/T)

RangeMax NEXT Wireless-N USB 2.0 Adapter (WN121/T)



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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 NEXt Wireless Adapters (WN511B/T, WN311B/T, WN121T)
- **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 (WN802T)
- 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/T RangeMax NEXt Wireless-N Notebook Adapter
- WN311B/T RangeMax NEXt Wireless-N PCI Adapter
- WN121T RangeMax NEXt Wireless-N USB 2.0 Adapter

Ordering Information

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

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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.

†“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.