



# WPNT511

## RangeMax™ 240 Wireless Notebook Adapter

- *Help is there when you need it! NETGEAR provides 24x7 technical support\* in English, with selected local language support during office hours.*

### ● Unleash Your Home Network with 240 Mbps Wireless Speed

You may not even know it but your wireless home network may be slowing you down. As everyone in your home begins to stream more video, download more MP3s, back-up and synchronize files on networked storage, play online games, and make more Internet phone calls - you place a greater demand on your home network. What you need is the speed to move content faster to everyone in your home without interruption and without wires.

Now you can with the RangeMax 240 Wireless Notebook Adapter (WPNT511), the first notebook adapter to deliver wireless speeds as fast as your wired connection, up to 240 Mbps when used with RangeMax 240 Wireless Router. And with Adaptive Channel Expansion (ACE) technology, the RangeMax 240 dynamically adapts to wireless interference to deliver the speed that your applications require on-demand. So whether you are streaming audio & video, uploading large files to your Storage Central, or just surfing the web, RangeMax 240 delivers the speed you need for today and beyond. Now the performance and quality-of-experience once only associated with wired networks can be achieved in your wireless home.

### Superior RangeMax Coverage

- Does your current wireless network cover your entire home? Today, most wireless adapters are only able to “listen” to one wireless signal at a time, the strongest one. If that signal is blocked or interfered with for example by a closing door, cordless phone, or your microwave oven, it can result in a wireless dead spot, cutting you off from your network. However, the RangeMax 240 is capable of “listening” to multiple signals simultaneously, utilizing its advanced MIMO (Multi-Input, Multi-Output) technology. So if any one of those signals is disrupted, the RangeMax 240 automatically maintains your network connection, eliminates dead spots and extends your range throughout your home.

### Enhanced Wireless Speed

- The RangeMax 240 Wireless Router and Adapters are twice the speed of other MIMO products, and for the first time perform at virtually the same speeds of wired networks. In addition, it is fully compatible with your legacy (802.11b/g) equipment, in fact those legacy devices will experience up to 50% better performance - especially at long distances. The RangeMax 240 enables higher quality video streams, faster MP3s downloads, uninterrupted Internet phone calls, and more efficient file sharing all with your existing equipment.

### Unsurpassed Security and Ease

- With NETGEAR’s exclusive Touchless WiFi Security, you can rest assured that what happens on your network stays on your network. Touchless WiFi Security automatically detects the type of security settings of your network, whether its a NETGEAR router or even another brand, and connects you with a simple passphrase. RangeMax 240’s powerful safeguard against unauthorized network access includes a double firewall, WEP (Wired Equivalent Privacy), WPA-PSK, and WPA2-PSK (Wi-Fi Protected Access - Pre-Shared Key). NETGEAR’s SmartWizard™ also makes installation simple - you’ll be up and running in minutes. RangeMax 240 is also backed by NETGEAR’s 24/7 technical support.



Connects to any available CardBus slot



## Effective Throughput (speed)

Wireless G

Other MIMO

Wired Ethernet

RangeMax 240

## Product Specifications

- **Frequency:**
  - 2.412 - 2.462 GHz (US)
  - 2.412 - 2.472 GHz (Japan)
  - 2.412 - 2.472 GHz (Europe ETSI)
  - 2.457 - 2.462 GHz (Spain)
  - 2.457 - 2.472 GHz (France)
- **Physical Specifications:**
  - 4.84 x 2.13 x .33 in (123 x 54 x 8.5 mm)
  - Weight: 1.9 oz (56g)
- **Wireless Speeds:**
  - 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54, 72, 96, 108, 126, 240 Mbps (auto rate capable), compatible with 802.11b or 802.11g
- **Standards:**
  - IEEE 802.11b, IEEE 802.11g
- **Security:**
  - 64/128 WEP Encryption, WPA-PSK, WPA2-PSK
- **Warranty:**
  - NETGEAR 1-year warranty

## System Requirements

- Windows® 2000 SP4, Windows® XP
- Pentium class notebook PC of 300 MHz or higher with an available CardBus slot
- We recommend using this product with the WPNT834 RangeMax 240 Wireless Router

## Package Contents

- RangeMax 240 Wireless Notebook Adapter (WPNT511)
- Installation Guide
- Resource CD
- Warranty/Support information card

## NETGEAR Related Products

- RangeMax 240 Wireless Router (WPNT834 recommended)
- RangeMax Wireless USB 2.0 Adapter (WPN111)
- RangeMax Wireless PCI Adapter (WPN311)
- 54 Mbps PCI Adapter (WG311)
- 54 Mbps USB 2.0 Adapter (WG111)
- 54 Mbps Wireless Print Server (WGPS606)
- 54 Mbps Wireless Game Adapter (WGE111)
- Storage Central (SC101)

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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.