WPNT834
RangeMax™ 240 Wireless Router

• *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 Router (WPNT834), the first router to deliver wireless speeds as fast as your wired connection, up to 240 Mbps when used with RangeMax 240 Wireless Adapters (WPNT511, WPNT121). 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 routers 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.
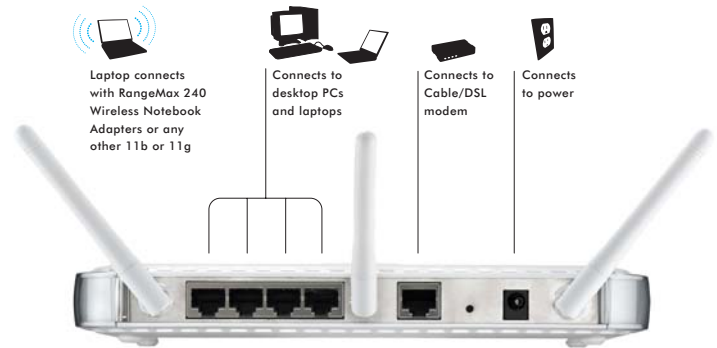
Enhanced Wireless Speed

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 guides you through the simple set up of standards based wireless security, allowing you to securely connect all of your wireless clients, whether they are from NETGEAR or from another brand. The router'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. SmartWizard automatically detects your ISP's network settings then easily configures your router for optimal performance and security. You also are automatically notified on all product updates, so you will know your performance is always optimized. You are also backed by NETGEAR's 24/7 technical support.

NETGEAR®
Everybody's connecting.®

RangeMax™ 240

airgo™ TRUE MIMO

Touchless))) WiFi Security

New Gen3 Technology !

Streaming Music   HD Quality Video   Online Games   Fail-Safe Storage

Laptop connects with RangeMax 240 Wireless Notebook Adapters or any other 11b or 11g

Connects to desktop PCs and laptops

Connects to Cable/DSL modem

Connects to power

Effective Throughput (speed)

Wireless G

Other MIMO

Wired Ethernet

RangeMax 240

Product Specifications

- **Standards:**
  - IEEE 802.11b, IEEE 802.11g, 2.4 GHz

- **Physical Specifications:**
  - Dimensions: 8.8 x 7.2 x 1.1 in
    (223 x 182 x 29 mm)
  - Weight: 1.08 lb (.49 kg)

- **Warranty:**
  - NETGEAR 1-year warranty

System Requirements

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 2.4 GHz 802.11 b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer
- Windows® 98, Me, NT, 2000, XP, Mac® OS, NetWare®, UNIX®, or Linux®
- Internet Explorer 5.0 or Netscape® 4.7 or higher
- We Recommend using this product with the WPNT511 (preferred), WPN111, WPN311, or WPNT121 (preferred) Wireless Adapters

Package Contents

- RangeMax 240 Wireless Router (WPNT834)
- One detachable antenna
- 12V, 1.0 A power adapter, localized to country of sale
- Ethernet cable
- Vertical Stand
- Setup Guide
- Resource CD
- Warranty/Support information card

Ease of Use

- SmartWizard™ simplifies setup by automatically detecting and configuring your router for virtually all ISP connections
- Touchless WiFi Security for easy configuration and management of wireless security

Performance Advantages

- Improves performance of existing legacy 802.11b and 802.11g wireless devices up to 50%
- Five 10/100 (1 internet, and 4 LAN) ports equipped with auto-sensing technology
- Advanced MIMO Technology with Adaptive Channel Expansion provides up to 240 Mbps when used with RangeMax 240 Wireless Adapters

Security

- Double Firewall:
  - Network Address Translation (NAT) to hide PCs & files from outside users
  - Stateful Packet Inspection (SPI) firewall to deny outside requests for personal information
- Denial of Service (DoS) attack prevention
- Intrusion Detection and Prevention (IDS)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption
- WiFi Protected Access (WPA-PSK, WPA2-PSK)
- Wireless Access Control (SSID) to identify authorized wireless network devices
- Supports 2 VPN pass-through tunnels (IPSec, L2TP, PPTP)
- Exposed Host (DMZ) for secure gaming
- MAC address authentication

Privacy & Parental Control

- "Trusted user" controls
- Time-based usage controls
- Web site logging
- Remote management
- URL content filtering

NETGEAR®