



# WG511

## 54 Mbps Wireless PC Card 32-bit CardBus

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

### Up to 5x Faster and Backward Compatible with 802.11b Wireless Networks

- Freedom of movement and flexibility of access – NETGEAR's 54 Mbps Wireless PC Card gives you both in spades! Designed to the 802.11g draft specification, this versatile PC card offers speeds up to nearly five times faster than widely deployed IEEE 802.11b wireless networks found in homes, businesses, and public wireless hotspots around the globe.

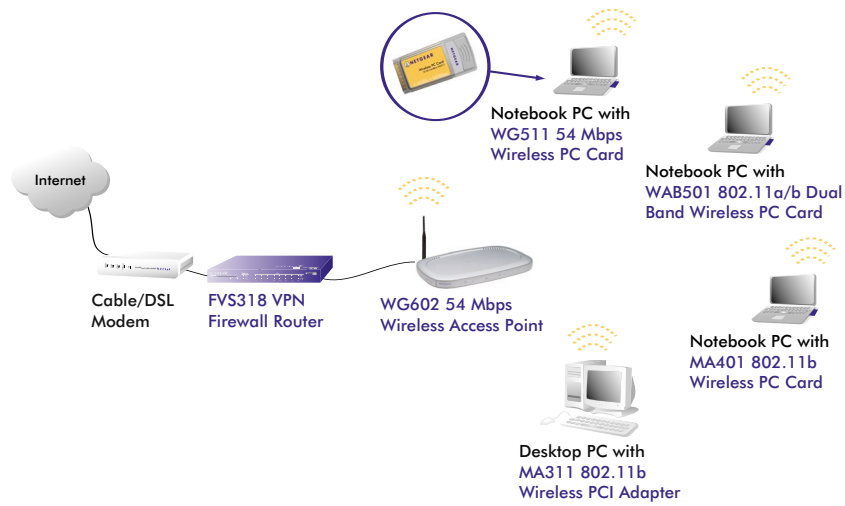
This versatile PC card works with either wireless standard, 802.11b or 802.11g\*, to keep you connected today and tomorrow. Put it in your notebook PC and no matter where you are, at home, at the office, at the airport or in other public access areas, this versatile adapter automatically selects the best connection available, giving you constant access to corporate resources, e-mail, and the Internet. Use it to quickly network employees, saving the time and expense of Ethernet cabling. Easy to set up and use, it auto-selects the best available connection and adapts the settings to match. NETGEAR's intuitive Install Wizard makes driver installation a cinch. And with up to 128-bit WEP encryption, you can rest assured that your wireless network communications are private.

- H i g h - s p e e d** ● Fully IEEE 802.11b (2.4 GHz) compliant for wireless network access from your notebook PC, this PC Card has both standards built in, so you can connect your notebook to existing 802.11b infrastructure, and also to the high-speed networks based on the 802.11g specification. Delivers digital images, videos, and MP3 files at speeds of up to 54 Mbps. Dynamic rate shifting according to environmental conditions achieves the fastest possible connections.

- U n t e t h e r e d** ● Supports office roaming for notebook PC users for shared broadband Internet access and resources. Provides maximum mobility from home, the office, the airport, and other public access areas. And the NETGEAR Wireless LAN Manager lets you create profiles that reflect specific WLAN settings for each place you travel.

- S e c u r e** ● Provides the highest available level of industry-standard WEP encryption: 128-bit for both 802.11b and 802.11g devices. Will support MAC address authentication, 802.1x and WPA with future firmware upgrades: these enhanced security measures ensure only authorized users can access the network.

- D e p e n d a b l e** ● Dynamic rate shifting according to environmental conditions achieves the fastest possible connections. Thorough testing ensures quality and dependable operability, which NETGEAR backs up with a solid 3-year warranty.



## Technical Specifications

### 802.11b and DRAFT 802.11g\*

- **Radio Data Rate:**
  - 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48 & 54 Mbps
- **Modulation Type:**
  - OFDM with BPSK, QPSK, 16QAM, 64QAM, DBPSK, DQPSK, CCK
- **Frequency:**
  - 2.412 ~ 2.462 GHz (US)
  - 2.412 ~ 2.484 GHz (Japan)
  - 2.412 ~ 2.472 GHz (Europe ETSI)
  - 2.457 ~ 2.462 GHz (Spain)
  - 2.457 ~ 2.472 GHz (France)
- **Encryption:**
  - 40-bit (also called 64-bit), 128-bit WEP encryption
- **Dimensions:**
  - 120 x 54 x 7 mm (4.73 x 2.13 x .28 in)
- **Weight:**
  - 40g (1.41 oz)
- **Electromagnetic Compliance:**
  - FCC Part 15 Sub Class B
- **Warranty:**
  - Limited 3-year

## Package Contents

- WG511 Wireless PC Card 32-bit CardBus
- Installation Guide
- Resource CD
- Warranty card
- Support information card

## Minimum System Requirements

- Pentium® Class PC
- Available 32-bit CardBus slot
- CD-ROM Drive
- Windows® 98, Me, 2000, or XP

# NETGEAR®

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\*This product has been designed and developed to the draft IEEE specification for the 802.11g standard. Final ratification is expected in the second half of 2003. Specification is subject to change without notice.