



# MA521

## 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.*

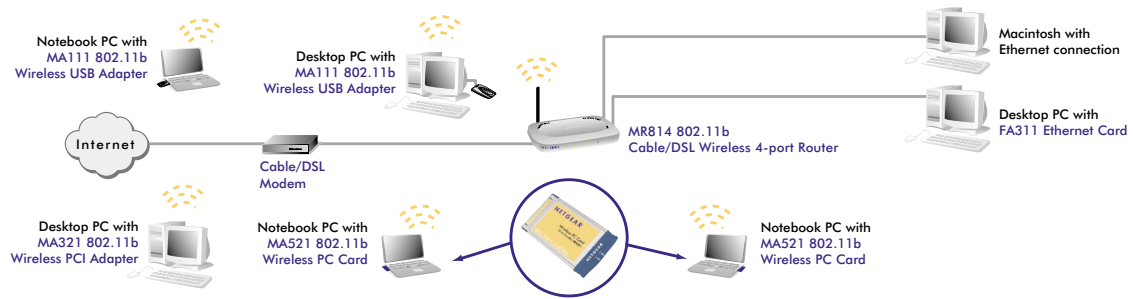
#### **Connect From Your Notebook PC Wherever You Are**

- Go wherever you like and stay connected with NETGEAR's Wireless PC card. Once you've got one in your notebook computer, you can easily access the Internet from anywhere in your home or office, and from campuses, parks, airports, or public hotspots in bookstores and cafes. Whether you are in a conference room, waiting for a flight, or out on the quad on a warm day, you can be fully productive without being at your desk. Use this well-designed card to quickly network your employees without the time or expense of installing Ethernet cabling. It lets you experience data speeds of up to 11 Mbps, greater range with automatic speed adjustment, and greater safety with secure encryption – all for a moderate price. With NETGEAR, Everybody's connecting, and with the MA521, they can connect everywhere.

- Unfettered** ● If you have an 802.11b wireless router at home, you can access the Internet easily from your notebook PC, at up to 11 Mbps. Share your broadband connection at home, or gain total mobility in the office. Achieve superior range with distances of up to 300 feet with automatic rate fallback. Auto-adjustment transmit power provides longer battery life and reduces interference.

- Well Designed** ● Small-sized antenna prevents card from getting bent. Thorough testing ensures powerful throughput and dependable operability. The MA521 is configured to interoperate with other NETGEAR wireless products, and is compatible with any notebook PC having a processor speed greater than 400 MHz, with drivers available for Windows® 98SE, Me, 2000 and XP.

- Well Protected** ● Secure 40/64 and 128-bit Wired Equivalency Protection (WEP) encryption provides secure data communication and increased shielding from wireless eavesdroppers.



## Product Specifications

- **Network Speeds:**
  - 1, 2, 5.5, 11 Mbps (auto rate capable)
- **Modulation Type:**
  - DBPSK, DQPSK, CCK
- **Frequency Band:**
  - 2400 - 2497 MHz ISM band (channels 1 - 14)
- **Channels:**
  - North America: 11 channels
  - Europe: 13 channels
  - Japan: 13 channels
- **Operating Range\*\*:**
  - Indoor: 35 - 100 meters (114 - 328 ft.)
  - Outdoor: 100 - 300 meters (328 - 984 ft.)

\*\*Actual results will vary depending upon operating environment.

- **Encryption:**
  - 40/64-bit and 128-bit WEP encryption
- **Interface:**
  - CardBus Type II specification 32-bit data bus
- **LEDs:**
  - Power & Link
- **Antenna:**
  - Integrated Microstrip dual diversity antennas
- **Supported O/S:**
  - Windows 98SE, Me, 2000, and XP
- **Environmental Specifications:**
  - **Operating Temperature:** 0 to 55° C (32 to 131° F)
  - **Storage Temperature:** -20 to 75° C (-4 to 167° F)
  - **Operating Humidity:** 10-90% room humidity (RH), noncondensing

- **Physical Specifications:**
  - **Dimensions:** 100 x 54 x 5 mm (3.93 x 2.13 x 0.2 in.) with antenna
  - **Weight:** 37 g (1.3 oz)
- **Standards Capability:**
  - IEEE 802.11b
- **Certifications:**
  - CE
  - FCC Part 15, Class B
  - ETS 300 328
  - C-Tick
- **Warranty:**
  - NETGEAR 3-year limited warranty

## System Requirements

- Pentium class PC faster than 400 MHz
- Available CardBus PCMCIA Type II slot
- Windows 98SE, Me, 2000, or XP
- 2 MB free hard drive space

## Package Contents

- Wireless PC Card MA521
- Resource CD
- Installation guide
- Support information card
- Warranty card

## NETGEAR Related Products

- MR814 802.11b Cable/DSL Wireless 4-port Router
- ME101 802.11b Wireless Ethernet Bridge
- MA111 802.11b Wireless USB Adapter
- MA321 802.11b Wireless PCI Adapter
- MA701 802.11b Wireless Compact Flash Card

# NETGEAR®

4500 Great America Parkway  
Santa Clara, CA 95054 USA  
Phone: 1-888-NETGEAR  
E-mail: info@NETGEAR.com  
www.NETGEAR.com

©2003 NETGEAR, Inc. NETGEAR®, the Netgear logo, The Gear Guy, Everybody's connecting and Auto Uplink are trademarks or registered trademarks of NETGEAR, Inc. in the United States and/or other countries. Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change without notice. All rights reserved.

\*Free basic installation support provided for 90 days from date of purchase; optional premium support available.

D-MA521-1



MA521

Wireless PC Card