



## WG602

# 54 Mbps Wireless Access Point

- *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.*

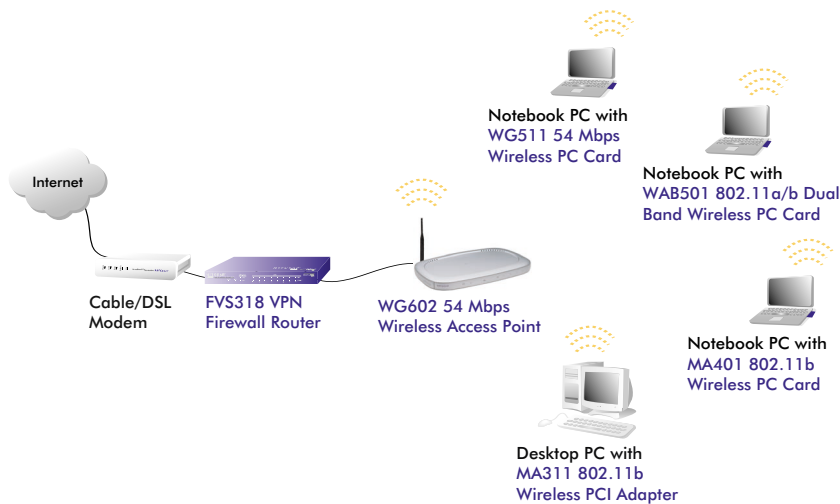
### Up to 5x Faster and Backward Compatible with 802.11b Wireless Networks

- NETGEAR's future-ready WG602 Wireless Access Point connects to all IEEE 802.11b wireless networks. And it lets you add new clients based on the forthcoming, screaming-fast IEEE 802.11g\* standard at 54 Mbps, while it maintains support for your existing 802.11b network—taking care of today's needs as well as tomorrow's. With its high-speed data transmissions of up to 54 Mbps, you accomplish a lot of work in a short amount of time. Network users can share a broadband Internet connection, access e-mail, download large files, videoconference, and distribute and play digital images, videos, and MP3 files. Easy to set up and use, NETGEAR's intuitive Install Assistant 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** ● Simultaneously supports both IEEE 802.11b and 802.11g standard devices and networks. This dual mode capability protects your 802.11b wireless investment and, at the same time, has you ready for the up to five times faster 802.11g. Provides connectivity to a wired or wireless network for expanded bandwidth. Higher speeds expedite large file downloads and facilitate videoconferencing and the distribution and playing of high-quality multimedia content.

- 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. MAC address authentication offers enhanced security by ensuring only authorized users can access the network. Will support 802.1x and WPA with a future firmware upgrade.

- 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 reliable operation, 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
- **Antenna:**
  - 2 dBi (detachable)
- **Ethernet:**
  - IEEE 802.31 10 BASE-T
  - IEEE 802.1u 100 BASE-TX
- **Power Adapter:**
  - 12 VDC, 1.2 A, Plug is localized to country of sale for North America, Japan, UK, Europe, Australia
- **Dimensions:**
  - 28 x 175 x 118 mm (1.1 x 6.9 x 4.7 in.)
- **Weight:**
  - 0.3 kg (0.7 lb)
- **Electromagnetic Compliance:**
  - FCC Part 15 Sub Class B, CE
- **Environmental Specifications:**
  - Operating Temperature: 0 to 60° C (32 to 140° F)
  - Operating Humidity: 5-95% (noncondensing)
- **Warranty:**
  - Limited 3-year

## Package Contents

- WG602 Wireless Access Point
- Vertical stand
- Power adapter
- Ethernet cable
- Resource CD
- User's guide
- Warranty card
- Support information card

## Minimum System Requirements

- Pentium® Class PC
- Windows® 98SE, Me, 2000, or XP

## Related Products

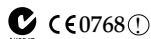
- 54 Mbps Wireless PC Card (WG511)
- 802.11b Wireless PC Card (MA401)
- 802.11b Wireless USB Adapter (MA101)
- 802.11b Wireless PCI Adapter (MA311)
- 802.11a/b Dual Band Wireless PC Card (WAB501)

# NETGEAR®

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D-WG602-2



\*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.