



Speed and Range with Internet Security

- Good for surfing the Internet, email and online chat
- Simple and secure way to share your high-speed Internet connection
- Small, efficient case design fits easily into your home
- Works with computers with internal wireless

Features

- Internet sharing broadband router and 2-port switch
- Configurable for private networks and public hotspots
- Double firewall protection from external hackers attacks
- Touchless WiFi Security makes securing your network easy
- Works with Windows® Vista™

NETGEAR Green

- Unplug power cord to help save energy when not in use
- Packaging manufactured with at least 80% recycled materials

What Can This Product Do for You?

| | |
|--|----|
| Speed ¹ | 1x |
| Coverage ¹ | 1x |
| Surfing the Internet | ✓ |
| Email and online chat | ✓ |
| Public hotspot compatible | ✓ |
| Streaming music | ✓ |
| Multiple PCs wirelessly connecting to the Internet | ✓ |



Wireless-G

Use with a Wireless-G Adapter for Maximum Performance



Wireless-G
PC Card (WG511)



Wireless-G
PCI Adapter (WG311)



Wireless-G
USB 2.0 Adapter (WG111)



System Requirements

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 2.4 GHz wireless adapter or Ethernet adapter and cable for each computer
- Microsoft® Windows® Vista™, XP, 2000, NT, 98, Me, Mac® OS, and any other operating system running a TCP/IP network.
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0 or Safari® 1.4 or higher

Physical Specifications

- Dimensions: 141.5 x 94 x 30 mm (5.6 x 3.7 x 1.2 in)
- Weight: 0.14 kg (0.31 lb)

Routing Protocols

- Static and dynamic routing with TCP/IP, VPN pass-through (IPsec, L2TP), NAT, PPTP, PPPoE, DHCP (client & server)

Application Support

- Works with most Internet gaming and instant messaging applications

Functions

- Automatically detects your ISP type, exposed host (DMZ), MAC address authentication, URL content filtering, logs and email alerts of Internet activity

Physical Interfaces

- Internet/WAN: 10/100 Mbps (auto-sensing) Ethernet, RJ-45
- LAN: 2 ports 10/100 Mbps (auto-sensing) Ethernet, RJ-45

Wireless

- Network Speeds: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, & 54 Mbps (auto rate capable)
 - Modulation Type:
 - 802.11b: DSSS, CCK, DBPSK, DQPSK
 - 802.11g: BPSK, QPSK, 16QAM, 64QAM

Firewall

- Stateful packet inspection (SPI) and DoS attack protection

Encryption

- 40-bit (also called 64-bit), 128-bit, WEP encryption, WPA-PSK and WPA2-PSK

Antenna

- 2 dBi

Power Adapter

- 12V DC, 1.0A; plug is localized to country of sale

Warranty

- NETGEAR 1-year Warranty

Package Contents

- Wireless-G Router (WGR612v1)
- Power adapter
- Ethernet cable
- Vertical stand
- Warranty/support information card

NETGEAR Related Products

- Notebooks: Wireless
 - Wireless-G USB 2.0 Adapter (WG111)
 - Wireless-G PC Card (WG511)
- Notebooks: Wired
 - CardBus Adapter (FA511)
 - USB 2.0 Adapter (FA120)
- Desktops: Wireless
 - Wireless-G PCI Adapter (WG311)
 - Wireless-G USB 2.0 Adapter (WG111)
- Desktops: Wired
 - PCI Adapter (FA311)
 - USB 2.0 Adapter (FA120)
- Printers: Wired
 - Parallel Port (PS101)
 - USB Port (PS121)

Attention: When you configure the wireless settings of this device please make sure to select the correct country settings. Due to EU-law the country settings must be identical to the country where the device is operating (important due to non-harmonized frequencies in the EU).

802.11b Restrictions: European standards dictate maximum radiated transmit power of 100 mW EIRP and frequency range of 2.400–2.4835 GHz. In France, the equipment must be restricted to the 2.4465–2.4835 GHz frequency range and must be restricted to indoor use.

NETGEAR®

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This product comes with a limited warranty, the acceptance of which is a condition of sale.

*Basic technical support provided for 90 days from date of purchase.

**Actual performance may vary due to operating conditions

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate and wireless coverage. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.