



# WGR614

## 54 Mbps Wireless Router with 4-port 10/100 Mbps switch

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

### Up the Speed of Your Wireless Network

NETGEAR's 54 Mbps Wireless Router lets you experience the blazing-fast network wireless speeds of 54 Mbps — up to five times faster than the popular 802.11b wireless network. These higher speeds make it a snap to web surf, download large files, videoconference, stream high-quality digital movies, MP3 music and photos and play online games. This wireless router also works with 802.11b wireless products so you can use it with your existing 802.11b devices and your new 54 Mbps 802.11g devices. Auto-sensing chooses the fastest connections possible on your 10/100 Mbps wide area network and four local area network ports. True Firewall (SPI) advanced security provides maximum protection from professional hackers. URL blocking and e-mail alerts provide parents with controls to limit access to inappropriate web sites and monitor children's access. Simple to install, you just follow the cues shown on your PC screen and your router will be up and running in no time. Smart Wizard auto-detects and configures for the best ISP connection, while UPnP™ (Universal Plug and Play) makes it easy to use your computers, gaming consoles and other client devices — wireless and Ethernet — for gaming, instant messaging, and other applications.

**Powerful** ○ High-speeds propel media-rich content across your network in no time. You can conveniently share your cable/DSL connection with many users on your network with or without wires. The WGR614 delivers 10/100 Mbps (auto-sensing) WAN and LAN connections and interoperability with 54 Mbps (802.11g) and 11 Mbps (802.11b) devices over a 2.4 GHz band wireless network.

**Secure** ○ A true firewall secures your network against hackers: Stateful Packet Inspection (SPI) and Denial of Service (DoS) attack prevention averts potential threats by scanning incoming traffic and Network Address translation (NAT) shields your networked devices from intruders. Powerful WEP encryption (40/64- or 128-bit) on the wireless LAN conceals your information from eavesdroppers. MAC Address Control prevents unauthorized access to your wireless network. VPN pass-through give secure Internet access to your office or corporate network.

**Child Safe** ○ Parents are able to limit web access by blocking offensive content and URL addresses, and the router sends real-time email alerts and logs of all network web activity. Comprehensive anti-virus protection ensures safety for your networked computers.

**Effortless** ○ SmartWizard™ simplifies setup — it automatically detects and configures your router for virtually all ISP connections. SmartWizard install assistant, NETGEAR's interactive tutorial, gives you simple prompts to guide you through each step of your installation. Applications that support UPnP™ (Universal Plug-and-Play) may be enabled to automatically interact with users over the Internet.





### Product Specifications

- **Routing Protocols :**
  - Static & 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 and applications that support UPnP for automatic Internet access
- **Functions:**
  - Automatically detects and configures your ISP type, Exposed Host (DMZ), MAC address authentication, URL content filtering, logs and e-mail alerts of Internet activity
- **Interface:**
  - Internet/WAN:**
    - 10/100 Mbps (auto-sensing) Ethernet, RJ-45
  - LAN:**
    - 4 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: 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)
- **Firewall:**
  - Stateful Packet Inspection (SPI), DoS Attack Detection/Logging, Dropped Packet Log, Security Event Log, E-mail Log
- **Encryption:**
  - 40-bit (also called 64-bit), 128-bit, and 152-bit (802.11g only) WEP encryption, WPA (Wi-Fi Protected Access)
- **Antenna:**
  - 2 dBi
- **Power Adapter:**
  - 12 VDC

### Physical Specifications:

- **Dimensions:** 6.9 x 1.1 x 4.7 in (175.3 x 27.94 x 119.4 mm)
- **Weight:** 0.3 kg (0.7 lb)

### Warranty:

- NETGEAR 1-year warranty

### 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
- Windows® 95, 98, Me, NT, 2000, XP, Mac® OS, NetWare®, UNIX®, or Linux®
- Internet Explorer 5.0 or Netscape® 6.0 or higher

### Package Contents

- 54 Mbps Wireless Router WGR614
- 54 Mbps Wireless Router Resource CD
- Power adapter
- Ethernet cable
- Setup guide
- Warranty/Support information card

### NETGEAR Related Products

- WG511 54 Mbps Wireless PC Card
- WG311 54 Mbps Wireless PCI Adapter
- WG111 54 Mbps Wireless USB 2.0 Adapter
- WGE101 54 Mbps Wireless Ethernet Bridge
- WG602 54 Mbps Wireless Access Point
- WGE111 54 Mbps Wireless Game Adapter



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\* Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

\*\*Actual performance may vary due to operating conditions