KWGR614
Open Source Wireless-G Router

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

- **Open-Source Wireless-G for Linux® developers and enthusiasts**
  - Open source code enables router customization for Linux developers and hobbyists
  - Detachable antenna for additional flexibility
  - Create firmware for specialized applications such as gaming, VoIP, security or increased signal strength
  - Up to 2x the WAN-to-LAN throughput of other Wireless-G routers
  - Compatible with 802.11b/g/n networks

**Advanced Network Security**
NETGEAR’s Wireless-G Router admits only legitimate traffic by combining two proven standards: NAT and SPI. It also delivers the highest level of wireless network security with Wireless Protected Access, WPA2/PSK.

- **SPI Firewall**
  - As “Gatekeeper,” allows only legitimate traffic

- **NAT Firewall**
  - Hides your home network

Maximum Performance Achieved When Used with Wireless-G Adapters
- 54 Mbps Wireless PCI Adapter (WG311)
- 54 Mbps Wireless USB 2.0 Adapter (WG111)
- 54 Mbps Wireless PC Card (WG511)
**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® 98, Me, NT, 2000, XP and other operating systems running a TCP/IP network
- Microsoft® Internet Explorer™ 5.0 or Netscape® 4.7 or higher

**Routing Protocols:**
- Static & Dynamic Routing with TCP/IP, UDP, NAT, RIP-1, RIP-2, PPTP, PPPOE, L2TP (static & dynamic), DNS, DHCP (Client & Server), VPN passthrough (IPSec, L2TP)

**Application Support:**
- Works with most Internet gaming and instant messaging applications

**Functions:**
- Automatically detects your ISP type, Port Range Forwarding/Triggering, Exposed Host (DMZ), MAC Address Authentication, DNS Proxy, URL Content Filtering, Logs and E-mail alters for Internet activity, Dynamic DNS, Save/Restore Configuration, Upgrades via Web Browser, UPnP, Application Based QoS, Hardware engine provides wired-speed routing performance, Remote Management

**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

**Firewall:**
- Stateful Packet Inspection (SPI) and DoS attack protection

**Encryption:**
- 40-bit (also called 64-bit), 128-bit WEP Encryption, WPA-PSK, WPA2-PSK

**Antenna:**
- Two (2) detachable 2dBi antenna

**Power Adapter:**
- 12 VDC, 1.0 A; plug is localized to country of sale

**Physical Specifications:**
- Dimensions: 28 x 175 x 118 mm (1.1 x 6.9 x 4.7 in)
- Weight: 0.3 kg (0.7 lbs)

**Warranty:**
- NETGEAR 1-year warranty (see information enclosed)

**Package Contents**
- Open Source Wireless-G Router (KWGR614)
- Setup CD
- Power Adapter
- Ethernet Cable
- Warranty/Support Information Card

**NETGEAR Related Products**
- USB 2.0 Adapter (WG111), 54 Mbps PC Card (WG511)
- 54 Mbps PCI Adapter (WG311), USB 2.0 Adapter (WG111)
- CardBus Adapter (FA511), USB 2.0 Adapter (FA120)
- PCI Adapter (FA311), USB 2.0 Adapter (FA120)
- Parallel Port (PS101), USB Port (PS121)