



MBR814XF

802.11g FLASH-OFDM

Mobile Broadband Router



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

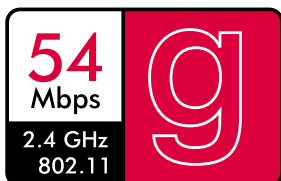
- **FLASH-OFDM Broadband Wireless Connectivity for Your Mobile Network!**
For a new dimension in network freedom, look no further than NETGEAR's FLASH-OFDM Mobile Broadband Router. This 802.11g-standard router delivers secure, reliable, wireless Internet connectivity without the hassle of plugging into a DSL or cable line. NETGEAR's Wireless Mobile Broadband Router supplies complete network access with firewall protection so home users can enjoy high-speed Web access, file sharing, video streaming, head-to-head Internet gaming, and MP3 downloads. The NETGEAR Wireless Mobile Broadband Router uses the latest FLASH-OFDM technology from Flarion for broadband connectivity that supports real-time mobile interactive and multimedia applications. Nothing could be simpler to install: just apply power! There's no need for network wiring, and there's no cable or DSL modem to connect. This ready-to-go, 54 Mbps wireless router provides state-of-the-art filtering and controls that allow parents and administrators to limit URL access and monitor Internet activities. And, it's equipped with a double firewall (SPI + NAT) to secure computers and networks against hackers.

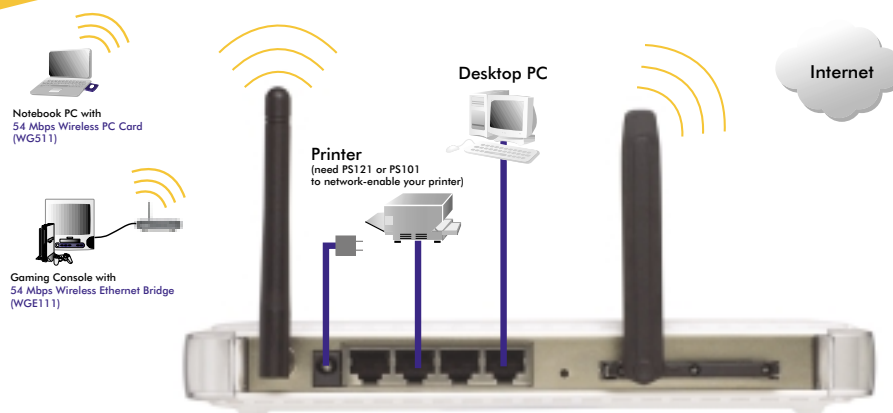
- **High-Level Capability** NETGEAR's Wireless Mobile Broadband Router has a PC Card slot containing the Flarion 1000 PC Card as the reliable broadband connection to the Internet. This single wireless connection can then be shared among several devices on a local area network to provide immediate, high-speed connectivity. Four 10/100 Ethernet LAN ports support up to 253 networked computers and a built-in 802.11g wireless access point extends the network to support up to 54 Mbps throughput.

- **Unlimited Wireless Mobility** FLASH-OFDM is Flarion's spread-spectrum technology that uses OFDM primarily as a wireless access method. With this technology, mobile users experience the same performance, security and throughput as they would on a shared Local Area Network environment. It supports secure Internet access, broadband speed, and cellular mobility to activate wireless devices. Visit www.flarion.com to learn more about Flarion's FLASH-OFDM technology.

- **Instant Connectivity** For on-the-spot, high-speed wireless broadband networking, connect NETGEAR's 802.11g Wireless Mobile Broadband Router to a power source and place it wherever you receive good signal quality. The router delivers immediate broadband and network connectivity, without requiring any modifications to your settings, applications, protocols, or content. Nothing could be simpler!

- **Complete Protection** NETGEAR's 802.11g Wireless Mobile Broadband Router offers double-firewall protection. With Stateful Packet Inspection (SPI) and Network Address Translation (NAT), your network is secure against hackers. NAT Firewall with Virtual Private Network (VPN) pass-through further guards against Internet attacks, and auto-partitioning on each port protects each installed computer from damaged network connections. URL content filtering and time-of-day usage limits give parents and administrators ultimate control over user access. E-mailed reports of browsing activities and optional read-time e-mail alerts provide additional input on user activity.





Product Specifications

- **Routing Protocols :**
Static & Dynamic Routing with TCP/IP, VPN pass-through (IPSec, PPTP, and L2TP), NAT, UDP, DNS, DHCP (client & server)
- **Application Support:**
Works with most Internet applications including: QUAKE®, Half-Life®, StarCraft®, Unreal Tournament®, ICQ®, AOL® Instant Messenger™, Microsoft Messenger®, NetMeeting®, RealPlayer®, Windows Media® Player, Net2Phone®, Dialpad®, Xbox®.
- **Physical Interfaces:**
 - LAN Ports: Four (4) 10/100 Mbps auto-sensing, RJ-45 ports
- **Wireless Interfaces:**
 - WLAN: built-in 802.11g
 - WWAN: FLASH-OFDM provided via FPC-1000 PC Card
- **Antenna:**
 - WLAN: external 2dbi detachable
 - WWAN: external attachable supplied
 - optional special purpose/high gain antennas available
- **Lighted Status Icons**
 - Power, Test, WWAN, WLAN, LAN (1 through 4)
- **Security Features:**
 - Firewall: Stateful Packet Inspection (SPI) to prevent Denial of Service (DoS) attacks (Syn flood, ICMP flood, UDP flood, “ping of death”, IP spoofing, land attack, tear drop attack, IP address sweep attack, Win Nuke attack), Intrusion Detection System (IDS) including logging, reporting, and e-mail alerts, web URL content filtering
 - VPN Functionality: VPN pass-through (IPSec, PPTP, and L2TP)
 - Mode of Operation: Network Address Translation (NAT), static routing
 - IP Address Assignment: Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN
- **Management Features:**
 - Local Administration Interface: Web graphic user interface with protected user name and password
 - Remote Management: Web graphic user interface
- **User Support:**
 - Wireless LAN: Up to 32 users
 - Wired LAN: Up to 253 users (less number of wireless users)
- **RFC Support:**

IPSec tunnel mode	(RFC 2401)
(pass through mode), IP v.4	
DHCP server	(RFC 2131)
DHCP client	(RFC 2131)
TFTP client	(RFC 1350)
NAT (many-to-one)	(RFC 1631)
IP control Protocol	(RFC 1332)
- **Functions:**
 - Port Range Forwarding, Exposed Host (DMZ), DNS Proxy, URL Content Filtering, E-mail Alerts
- **Physical Specifications:**
 - Dimensions: 1.2 x 8.75 x 6 in (30 x 224 x 153 mm)
 - Weight: 1.3 lb (0.6 kg)
- **Environmental Specifications:**
 - Operating temperature: 32° to 104° F (0° to 40° C)
 - Operating humidity: 90% maximum relative humidity, non-condensing
- **Warranty:**
 - NETGEAR 1-year warranty

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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