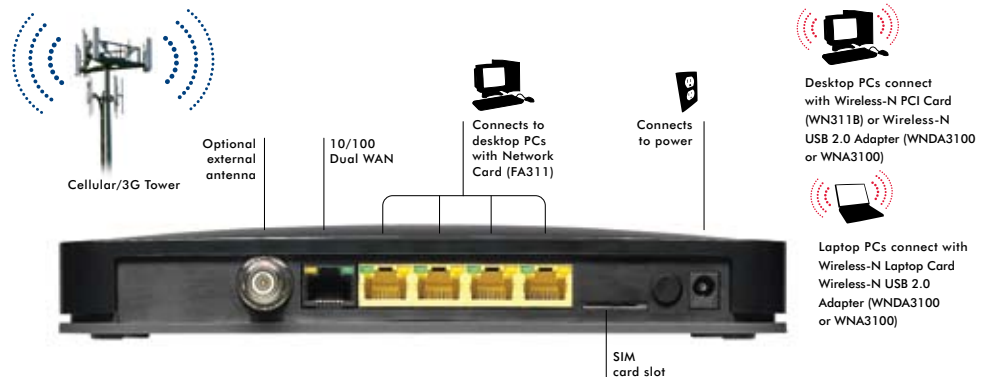**Push 'N' Connect**

Mobile Broadband Internet anywhere – use the MBR1000 to share your 3G/4G broadband across multiple devices via WiFi or Ethernet - at home, in the office or while traveling.

MBR1000 allows Service Providers to capture more revenue from new Mobile Broadband Data customers as they discover the value and convenience of mobile internet access. With this mobile router, Data Plan customers may connect an entire LAN via the 3G or 4G Mobile Network. It creates higher ARPU as customers use of mobile data accelerates and leads them to upgrade their data plans. This Mobile Broadband Router enables Service Providers to introduce new LAN-centric Mobile Data Plans at even higher traffic limits. This mobile router may be carried by customers from one residence to another without a service call, delivering more flexibility than wired broadband, lowering move costs and extending the life of this network asset.

This 802.11n wireless gateway/router delivers reduced churn as Mobile and Wired services are bundled into "single bill" offerings. Five products in one, it combines an internal Wireless broadband modem with a router, 10/100 LAN switch, 802.11n access point and a firewall. Featuring high-speed 802.11n and NETGEAR's secure Push 'N Connect™ WiFi Protected Setup — it allows fast large file download and real time media playback of high quality digital movies, photos, and MP3s. Simple to use, customers simply turn it on, connect with WiFi and are connected to the Internet without any setup required.

Features

- Internal Broadband Wireless Modem and antennas: 3G (CDMA/HSPA/HSPA+) or 4G (LTE), models available
- Dual WAN - One additional 10/100 Fast Ethernet port
- 4 - 10/100 Ethernet LAN Ports
- 802.11n WiFi Access Point with WPS
- Firewall

Cellular/3G Tower

Optional external antenna

10/100 Dual WAN

Connects to desktop PCs with Network Card (FA311)

Connects to power

SIM card slot

Desktop PCs connect with Wireless-N PCI Card (WN311B) or Wireless-N USB 2.0 Adapter (WNDA3100 or WNA3100)

Laptop PCs connect with Wireless-N Laptop Card Wireless-N USB 2.0 Adapter (WNDA3100 or WNA3100)

Fast

The MBR1000 gives instant connectivity with or without wires, and works with 802.11n devices as well as legacy 802.11g/b devices. This router provides direct, always-on Internet connectivity and multi-user access sharing at 3G speeds. This powerful router distributes MP3s, digital movies and photos with fast 10/100 switched LAN ports and shares a single IP address with up to 253 users.

Hassle Free

Built-in port forwarding settings, Universal Plug and Play (UPnP™) and virtual private network (VPN) pass-through make it simple to play Internet games, send instant messages, and host Internet services. The user interface is in local language. It supports PCs, Macintosh®, and virtually all Ethernet devices. NETGEAR's Push 'N Connect™ WiFi Protected Setup makes wireless security configuration easier than ever.

24/7 TECHNICAL SUPPORT®

NETGEAR Green

Wi-Fi PROTECTED SETUP

Secure   Firewall using Stateful Packet Inspection (SPI) and intrusion control features Denial of Service protection from hacker attacks, while VPN (Virtual Private Network) pass-through permits secure access to office or corporate network and enables VPN services. Content filtering controls access to inappropriate web sites and limits usage by time of day. It also logs browsing activities and provides optional email alerts. DMZ support allows unrestricted access from the Internet to one computer (for hosting web services).

• System Requirements
– Compatible 3G Mobile Service
– 2.4 GHz wireless adapter or Ethernet adapter and cable for each computer
– Microsoft Windows 7, Vista, XP, MAC and other operating systems running a TCP/IP network
– Microsoft® Internet Explorer 6.0 or higher

• Protocols
– DOS protect & DDOS detect, static and dynamic routing with TCP/IP, SIP & VPN pass-through (IPSec, L2TP, PPTP), RIP V1 & V2, DMZ, DNS, DNS Proxy, Dynamic DNS, DHCP (client, relay & server), RFC 1483 static IP, classic IP, port forwarding and Wireless Distribution System (WDS), RADIUS, QoS, TFTP Client

• Physical Interfaces
– LAN: Four 10/100 Mbps auto-sensing, Auto Uplink™ RJ-45 ports
– WAN Ports: Internal wireless broadband modem (3G or 4G depending on model) + 10/100 Dual WAN
– Wireless: 802.11n access point auto rate capable to 270 Mbps

• Security
– Firewall: Stateful packet inspection (SPI), intrusion logging and reporting, denial-service (DoS) and DDoS protection
– NAT traversal (VPN pass-through) for IPSec, PPTP and L2TP VPNs
– Mode of operation: Port and Network Address Translation (PAT/NAT), static routing
– IP Address Assignment: Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN
– Domain Filtering & Parental Control

• Functions
– Port range forwarding, exposed host (DMZ), DNS proxy, URL content filtering

• Power Adapter
– 12V DC, 1.5 A; plug is localized
– Optional automotive adapter is available

• Physical Specifications
– Dimensions: 280 x 150 x 50 mm (6.9 x 1.1 x 4.7 in)
– Weight: 0.6 kg (1.3 lb)

• Environmental Specifications
– Operating temperature: 0° to 40° C
– Operating humidity: 90% maximum relative humidity, non-condensing
– Storage temperature: -20C to 70C
– Storage humidity: 5% - 95%

• Warranty
– US: NETGEAR 1-year warranty
– Rest of world: NETGEAR 2-year warranty

• Package Contents
– MBR1000 Mobile Broadband router
– Power adapter
– Ethernet cable
– Vertical stand
– Warranty/support information card

• Compliances
– CE, UL, FCC15, A-TICK

• Network Management
– UPnP
– Remote Web Management
– Smart Setup Wizard
– Traffic Monitoring and Limit controls
– Content Filtering: Block Sites, Block Services, Blocking Schedule, E-mail notification, Event Logs
– Maintenance: Router Status, Attached Devices, Backups, Set Password
– Port Forwarding, Port Triggering

• Statistics (by LAN/WAN Port)
– Link Status
– Transmit / receive traffic in packets
– Up Time
– Poll Interval between updates

• WIFI
– WEP 64/128 bit
– WPA, WPA-PSK
– WPA2, WPA2-PSK
– MAC address Access Control
– Multi-SSID, Disable SSID broadcast
– Multicast Streaming
– Disable SSID broadcast
– WPS
– WMM-QoS & UAPSD
– Turn WiFi on or off with push button & time of day setting
– Wireless Protection Setup (WPS) with PIN or push button

• RF Characteristics
– WiFi Transmit Power: 50 mW in .11g/n mode and 20 mW in .11b mode

• LEDs
– Power
– Signal Quality
– Wi-Fi
– 2G/3G/LTE (depending on model)
– WPS
– Internet
– LAN
– Ethernet WAN

• Product Model Summary
– CDMA: EVDO (3.1Mbps/1.8Mbps)
– UMTS: HSPA (7.2Mbps/5.7Mbps) HSPA+ (14,21,28Mbps/ 5.7Mbps) DC-HSPA+ (42Mbps/5.7Mbps)
– LTE: (100Mbps / 50Mbps) w/UMTS fallback

• Specific Models
– MBR1200 - HSPA+ (21Mbps) Euro Quad Band
– MBR1210 - Bell Mobility (Canada)
– MBR1310 - DC-HSPA (42Mbps)
– MBR1515 - NA LTE (100/50 Mbps)
– MBR1517 - Euro LTE (100/50 Mbps)