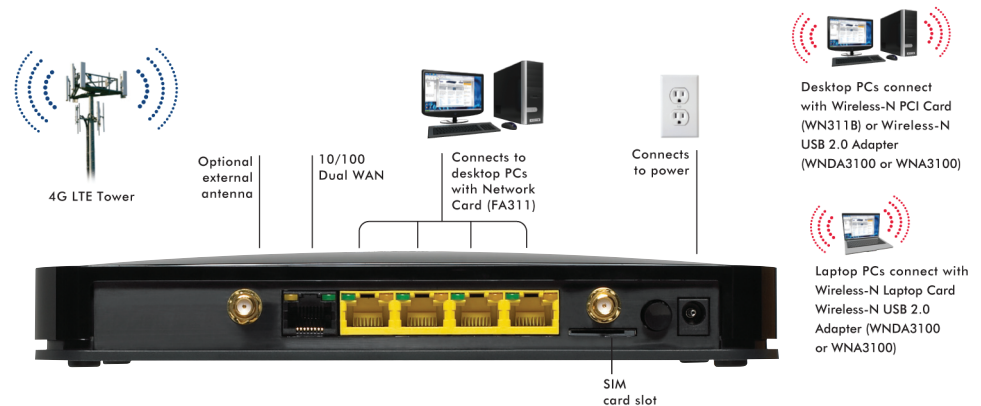




Anytime, Anywhere Mobile Broadband Access

The NETGEAR MBR1516 4G LTE router offers a complete routing platform with integrated LTE modem for high-speed Mobile Broadband WAN access. Designed with low latency applications and mobile multimedia in mind, the MBR1516 delivers uncompromising performance and multi-service user experience. For business applications, the MBR1516 provides high availability with an Ethernet WAN port for primary network access and the Mobile WAN port for failover.

Features	Benefits
4G (LTE) integrated modem, LTE Band 4 (AWS or 1700/2100Mhz)	Subscriber self-installation and activation, reducing support cost
High performance 802.11n WiFi	No new wires whole home coverage
Preconfigured WPA/WPA2 and WPS	Secure WiFi access
Multi-SSID support	Private and Public access
Optional external antennas	Extended coverage
Ethernet WAN with failover to Mobile WAN	Always-on connectivity
TR69 ready	Remote management for faster troubleshooting the network
OpenDNS parental control (optional)	Safe in-home network
Driverless client PC install	Easy setup reducing support cost
SMS communicator with notification	SMS alerts



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### • System Requirements

- Compatible 4G LTE Mobile Service
- Optional external mobile antennas with SMA connectors
- 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: 4G LTE internal Modem
  - 2G Quad band (850/900/1800/1900Mhz)
  - 3G Tri band (850/1800/1900Mhz)
    - HSDPA: Cat 14
    - HSUPA: Cat 6
  - 4G LTE
    - Band 4 (AWS or 1700/2100Mhz)
- Wireless: 802.11n access point auto rate capable to 270 Mbps
- 2 external mobile antenna connectors
- SIM card slot

### • Security

- Firewall: Stateful packet inspection (SPI),
- Intrusion logging and reporting, denialservice (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: 234 x 160 x 76 mm (9.2 x 6.3 x 3.0 in)
- Weight: 0.5 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

### • Package Contents

- MBR1516 Mobile Broadband router
- Power adapter
- Ethernet cable
- Vertical stand

### • Compliances

- WiFi, FCC15

### • 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
- 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

- WPS
- Mobile Broadband/WiFi on/off
- Power
- Internet
- WiFi
- LAN
- Ethernet WAN
- SMS
- Signal Quality (Tri-Color)

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