

Wireless or Wired Broadband Access with Mobile Broadband Backup



This Dual WAN ADSL2+ and 3G wireless gateway adds considerable power and flexibility to customers' networks. Five products in one, it combines an ADSL 2+ modem, USB 2.0 Host for 3G Modems, router, 10/100 LAN switch, 802.11g access point, and firewall. It gives untethered continuous connectivity to network resources and the Internet, and delivers broadband access with all of networked devices. Simple to use, it plugs directly into the ADSL line and a USB Mobile Broadband Modem plugs into it for diversity or simply wireless coverage. An integrated switch directly connects four devices. Setup couldn't be easier—NETGEAR's Smart Wizard install assistant and on-screen help guide customers through each step. The firewall protects customers' networks against intruders, including logs and alerts of break-in attempts, while VPN pass-through makes it safe to connect to business networks from home.

Faster than Ever

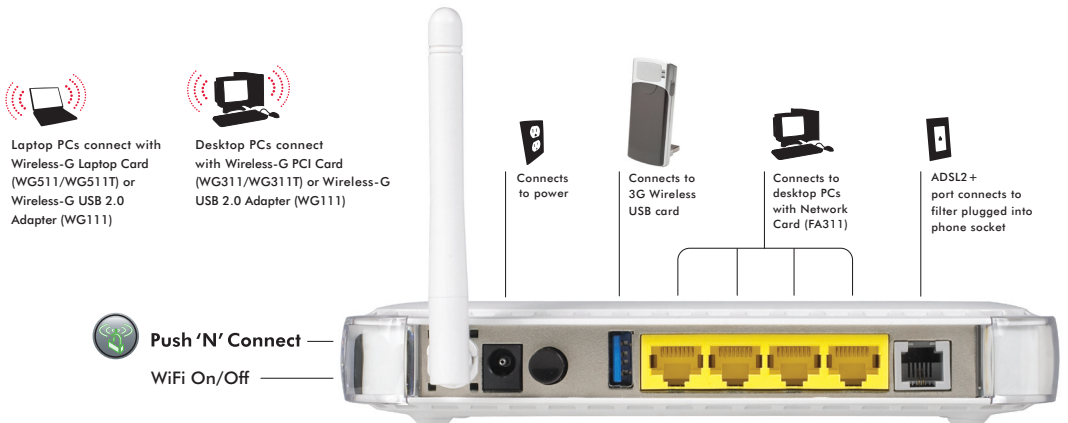
The DG834GUM gives instant connectivity in both WAN and LAN with or without wires. A built-in ADSL2+ modem or external 3G MBM provide direct Internet connectivity and multi-user access sharing at downstream speeds of up to 24 Mbps. This powerful router distributes MP3s, digital movies and photos with fast 10/100 switched LAN ports to as many as 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 matches your local languages. It supports PCs, Macintosh®, and virtually all Ethernet devices. It comes with an ADSL Filter and an Ethernet cable for connecting the first computer.

Secure

This Gateway includes a firewall using Stateful Packet Inspection (SPI) and with intrusion control, features Denial of Service protection from hacker attacks. VPN (Virtual Private Network) pass-through permits secure access to the corporate network and enables VPN services. Content filtering allows control of 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

- ADSL Internet service
- 3G Mobile Broadband Service with USB Modem
- 2.4 GHz wireless adapter or Ethernet adapter and cable for each computer
- Microsoft Windows Vista, XP, 2000, Me, 98 SE and other operating systems running a TCP/IP network
- Microsoft® Internet Explorer 5.0 or higher

Routing Protocols

- Static and dynamic routing with TCP/IP, VPN pass-through (IPSec, L2TP, PPTP), RIP (SP models), PPPoE, PPPoA, IPoA, DNS, DHCP (client & server), RFC 1483 static IP, classic IP, port forwarding and Wireless Distribution System (WDS)
- VPN Termination (5 IPSec Tunnels)

Physical Interfaces

- LAN Ports: Four 10/100 Mbps auto-sensing, Auto Uplink™ RJ-45 ports (one Cat 5 UTP cable included)
- WAN Ports: ADSL RJ-11, T1.413, G.DMT, G.Lite, ADSL 2+, ITU Annex A or Annex B and USB 2.0 for 3G Modem
- Wireless: 802.11g access point auto rate capable up to 54 Mbps

Security

- Firewall: Stateful packet inspection (SPI), intrusion logging and reporting, denial-service (DoS) and DDoS protection
- VPN Functionality: Supports up to 5 IPSec VPN end points; NAT traversal (VPN pass-through) for IPSec, PPTP and L2TP VPNs
- Mode of operation: Port and Network Address Translation (NAT), static routing
- IP Address Assignment: Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN

Functions

- Port range forwarding, exposed host (DMZ), DNS proxy, URL content filtering, IPv6

Power Adapter

- 12V DC, 1A; plug is localized to country of sale

Physical Specifications

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

Environmental Specifications

- Operating temperature: 0° to 40° C
- Operating humidity: 90% maximum relative humidity, non-condensing

Warranty

- US: NETGEAR 1-year warranty
- Rest of world: NETGEAR 2-year warranty

Package Contents

- DG834GUM or DG834GUMB,
- Power adapter
- Ethernet cable
- Phone cable
- ADSL phone line filter (most countries)
- Vertical stand
- Setup CD
- Warranty/support information

Compliances

- CE, UL, FCC15, A-TICK, C-TICK

Network Management

- Remote Web Management
- Smart Setup Wizard
- Content Filtering: Block Sites, Block Services, Blocking Schedule, E-mail notification, Event Logs
- TR-069: 325 Objects (SP models)

WiFi

- WEP 64/128 bit
- WPA, WPA-PSK
- WPA2, WPA2-PSK
- MAC address Access Control
- 802.1x
- Disable SSID broadcast
- WMM-QoS
- Turn WiFi on or off with push button
- Wireless Protection Setup (WPS) with PIN or push button

Compatible 3G USB Wireless Adapters

- See this URL: http://www.netgear.com/3G_uSB_Modems

LEDs

- Power
- Internet
- USB
- Wireless
- LAN 1,2,3,4
- TR-068 Compliant

DG834GUM Product Family Summary

| Model | Annex |
|-----------|-------|
| DG834GUM | A |
| DG834GUMB | B |

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This product comes with a limited warranty, the acceptance of which is a condition of sale.

*Basic technical support provided for 90 days from date of purchase.

**Actual performance may vary due to operating conditions

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