# DG834
## ADSL Firewall Router

### All-in-one Gateway for Always-on Broadband Access with Internet Sharing

- *Help is there when you need it! NETGEAR provides, 24x7 technical support\* in English, with selected local language support during office hours.*
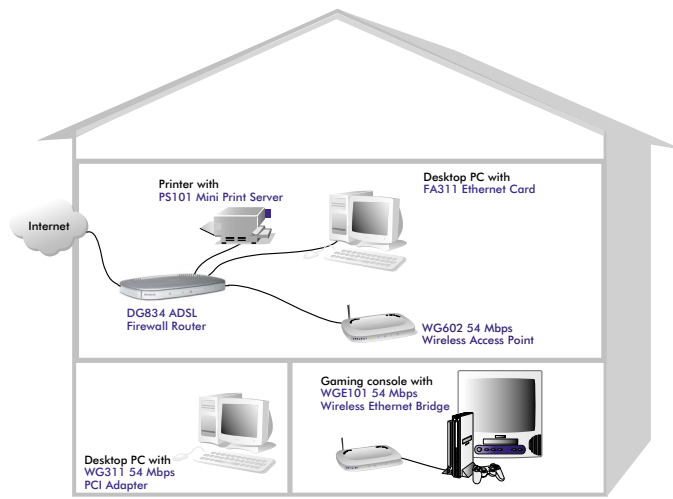
Four products in one, this multitalented firewall router combines an ADSL modem, router, four-port 10/100 LAN switch, and SPI True Firewall to deliver broadband access that's continuously available for sharing with all your networked devices. Simple to use, it plugs directly into your ADSL line for instant connectivity to network resources and the Internet, and an integrated switch lets you directly connect up to four computers or any combination of four computers, access points or printers. Setup couldn't be easier with NETGEAR's unique Smart Wizard install assistant helps to guide you each step of the way. The Smart Wizard also automatically detects and makes the optimal connection to your ISP while the True Firewall protects your network with business-class security against intruders, including logs and alerts of break-in attempts. VPN pass-through makes it safe to connect to your business network from home or office. The unit's contemporary, sleek design suits your home or office, and it's wall mountable to save valuable desk space. Upgradeable with new enhancements via the Internet.

**Ultra-capable** One router supplies your network with impressive capabilities. A built-in ADSL modem furnishes direct, always-on Internet connectivity and multi-user access sharing at speeds up to 140 times faster than dial-up. The router distributes MP3s, digital movies and photos with ultra-fast 10/100 switched LAN ports capable of speeds of 200 Mbps and and shares a single IP address with all the networked devices in your home. Boasts double the memory and a 50% faster CPU than many popular routers.

**Hassle Free** No need for a separate modem – it connects directly into your ADSL line. 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 language (English, French, German or Italian). Works with PCs, Macintosh®, and virtually all Ethernet devices, and comes with a free Ethernet cable for connecting your first computer.

**Secure** True 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 your office or corporate network and enables you to host VPN services. Content filtering lets you control access to inappropriate web sites and limit usage by time of day. Logs browsing activities and provides optional e-mail alerts so you can monitor access. DMZ support allows unrestricted access from the Internet to one computer (for hosting web services).

router

**NETGEAR**®
Everybody's Connecting.™

Diagram labels:
- Internet
- Printer with PS101 Mini Print Server
- Desktop PC with FA311 Ethernet Card
- DG834 ADSL Firewall Router
- WG602 54 Mbps Wireless Access Point
- Gaming console with WGE101 54 Mbps Wireless Ethernet Bridge
- Desktop PC with WG311 54 Mbps PCI Adapter

## Product Specifications

- **Routing Protocols:**
  - Static and Dynamic Routing with TCP/IP, VPN pass-through (IPSec, L2TP, PPTP), NAT, UDP, RIP, PPPoE, PPPoA, Classic IP, 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®

- **Physical Interfaces:**
  - **LAN Ports**: Four (4) 10/100 Mbps auto-sensing, Auto Uplink™ RJ-45 ports (one Cat 5 UTP cable included)
  - **WAN Port**: ADSL RJ-11, T1.413, G.DMT, G.Lite, ITU Annex A; Annex B version is DG834B

- **Security Features:**
  - **Firewall**: Stateful Packet Inspection, Intrusion logging and Reporting, Denial of Service protection
  - **VPN Functionality**: NAT traversal (VPN pass-through) for IPSec, PPTP and L2TP VPNs
  - **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:**
  - **Administration Interface:** web graphic user interface with protected user name and password, remotely accessible from designated IP addresses

- **User Support:**
  - Up to 253 LAN users

- **RFC Support:**
  | | |
  |---|---|
  | - IPSec tunnel mode | (RFC 2401) (pass through mode), IP v.4 |
  | - DHCP server | (RFC 2131) |
  | - DHCP client | (RFC 2131) |
  | - NAT (many-to-one) | (RFC 1631) |
  | - IP Control Protocol | (RFC 1332) |
  | - Bridged Ethernet Encapsulation | (RFC 1483, 2684) |
  | - PPP over Ethernet (PPPoE) | (RFC 2516) |
  | - PPP over ATM (PPPoA) | (RFC 2364) |
  | - Classical IP over ATM | (RFC 1577) |

- **ADSL Specifications :**
  - ADSL, Dual RJ-11, pins 2 and 3, ANSI T1.413, G.DMT, G.Lite (ITU Annex A; Annex B version is DG834B)

- **Functions :**
  - Remote Management, Port Range Forwarding, Exposed Host (DMZ), DNS Proxy, URL Content Filtering, E-mail Alerts

- **Maintenance:**
  - Save/Restore Configuration, Diagnostics, Upgrades via Web Browser, Logging

- **Power Adapter :**
  - 15VAC 1.0A Plug is localized to country of sale for North America, Japan, UK, Europe, Australia

- **Physical Specifications:**
  - **Dimensions:** 255 x 169 x 34 mm (10 x 6.7 x 1.3 in.)
  - **Weight:** 0.6 kg (1.3 lb)

- **Environmental Specifications:**
  - **Operating temperature :** 0 to 40º C (32 to 104º F)
  - **Operating humidity:** 90% maximum relative humidity, noncondensing

- **Warranty:**
  - NETGEAR 1-year warranty

## System Requirements
- ADSL Internet service
- Ethernet connection (adapter and cable) for each PC
- TCP/IP Networking software (Windows® 98, Me, NT, 2000, XP, NetWare®, UNIX®, Linux® )
- Windows® 98, Me, NT, 2000, XP, Mac® OS, NetWare, UNIX, or Linux
- Internet Explorer 5.0 or Netscape® 4.7 or higher

## Package Contents
- ADSL Firewall Router DG834
- Power adapter
- Ethernet cable
- Phone cable
- ADSL phone line filter (most countries)
- Resource CD
- Installation guide
- Warranty/Support information card

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NETGEAR
## Related Products
- FA120 USB 2.0 Adapter
- FA311 PCI Adapter
- FA511 Ethernet CardBus
- PS101 Mini Print Server
- XE102 Powerline Bridge (U.S. only)

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FC Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE