



DG824M

Wireless ADSL Modem Gateway with 4-port 10/100 Mbps switch

- *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 – ADSL Modem, Wireless Access Point, Switch, and Firewall

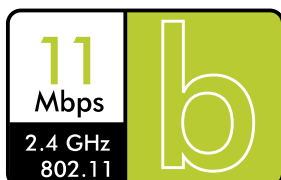
- NETGEAR's Wireless ADSL Internet Gateway provides it all. Equipped with a built-in ADSL modem, it gets you connected to the Internet at top speed. You don't need a separate modem because it plugs right into your ADSL line. The built-in 802.11b wireless access point gives you the untethered freedom of wireless roaming connectivity to network resources and the Internet. You can distribute MP3s, digital movies and photos with ultra-fast LAN ports capable of speeds up to 200 Mbps. Play Internet games, send instant messages, host Internet services – built-in port forwarding settings make it a breeze. You'll enjoy these benefits all the more knowing you have a True Firewall on the job, providing business-class security for your computers and your network with protection against Denial of Service attacks and network intruders. With NETGEAR's Smart Wizard install assistant your system will be up and working in minutes. Protected with a 3-year warranty, this ADSL Modem Gateway is upgradable with new enhancements via the Internet, and comes with an Ethernet cable for connecting your first computer.

- User Friendly** ● This uncomplicated unit plugs directly into your ADSL line, and an integrated switch makes it simple to directly hook up four computers. Setup is easy with our unique Install Assistant and on-screen help guiding you through each step. Works with PCs, Macintoshes, and virtually all Ethernet devices.

- Untethered** ● Extends your network to support up to 11 Mbps wireless throughput without the need for any new cabling.

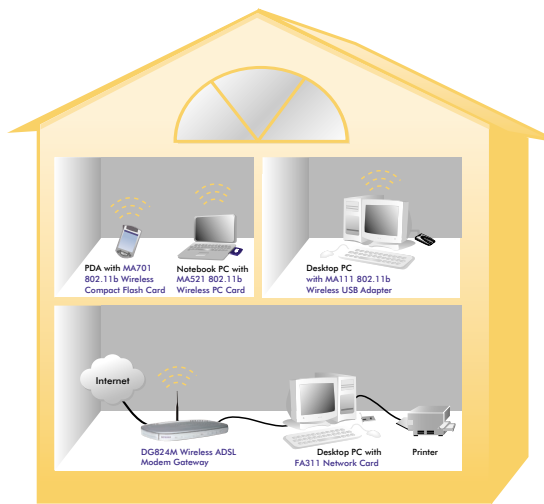
- On Guard** ● Covers all the bases with: True Firewall using Stateful Packet Inspection (SPI) and Intrusion Control; Denial of Service protection from hacker attacks; VPN (Virtual Private Network) pass-through; content filtering to control Internet access to inappropriate web sites, based on time of day, URL, or URL keywords; logging and reporting capabilities.

- High-Powered** ● With speeds of up to 200 Mbps, the LAN ports allow you to distribute large multimedia files such as audio, video and graphics with ease. Features double the memory and a 50% faster CPU than many popular routers, and allows you to share your broadband Internet connection among up to 253 devices. Furnishes DMZ support for unrestricted access from the Internet to one computer for Web hosting functionality.



NETGEAR
Everybody's connecting.™

router



NETGEAR Related Products

- MA521 802.11b Wireless PC Card
- MA111 802.11b Wireless USB Adapter
- FA311 Fast Ethernet PCI Adapter
- FA511 Fast Ethernet Adapter for notebooks

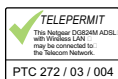
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* Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

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Technical Specifications

- **Routing Protocols:**
 - Static & Dynamic Routing with TCP/IP, VPN pass-through (IPSec, L2TP), NAT, UDP, RIP-1, RIP-2, PPPoE, PPPoA, 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), IEEE 802.11b Wireless Access Point with 128-bit encryption
 - **WAN Port:** ADSL RJ-11, T1.413, G.DMT, G.Lite, ITU Annex A
- **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:**
 - **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)
 - NAT (many-to-one) (RFC 1631)
 - IP control Protocol (RFC 1332)

• Functions:

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

• Maintenance:

- Save/Restore Configuration, 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 40° C (32° to 104° F)
- **Operating humidity:** 90% maximum relative humidity, noncondensing

• Warranty:

- NETGEAR 3-year warranty

System Requirements

- ADSL Internet service
- Ethernet connection (adapter and cable) for each PC or 802.11b wireless connection
- TCP/IP Networking software (Windows® 95, 98, Me, NT, 2000, XP, NetWare®, UNIX®, Linux®)
- Windows 95, 98, Me, NT, 2000, XP, Mac® OS, NetWare, UNIX, or Linux
- Internet Explorer 5.0, or Netscape® 4.7 or higher

Package Contents

- DG824M ADSL Modem Gateway
- Power adapter
- 3m (10 ft.) Ethernet cable
- Phone cable
- ADSL phone line filter
- Installation guide
- Resource CD
- Warranty/Support information card