

Cable Gateway Optimized for Commercial Users



For complete high-speed networking, this combination DOCSIS 2.0 cable modem, router, firewall and 4-port switch with plug-and-play™ USB connectivity does it all. It supplies complete network cable Internet access with firewall protection, so small business users can enjoy instant high-speed Web access, file sharing and video streaming, with no external modem required.

This highly capable commercial gateway provides state-of-the-art filtering and controls allowing administrators to limit URL access and monitor Internet activities. And it's equipped with a double firewall (SPI + NAT) protection to secure computers and networks against hackers. The powerful telnet interface allows for flexible configuration in a small business environment.

The sleek-designed exterior complements home and office environments. And since it's made by NETGEAR, you can rest assured this product is engineered for trouble-free, long-running reliability.

Completely Equipped

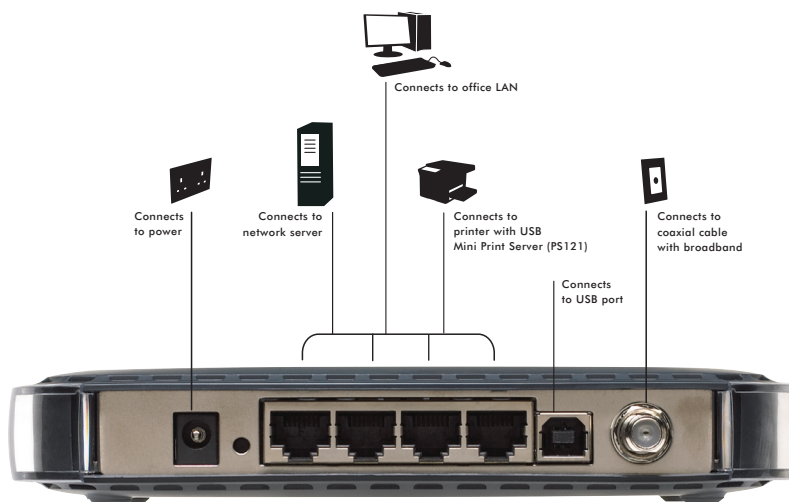
Four 10/100 Ethernet ports support up to 253 networked computers. Auto-partitioning on each port protects each installed computer from damaged network connections. The integrated modem is DOCSIS 2.0 certified for improved upstream bandwidth utilization and noise immunity.

Safe and secure

Double firewall with stateful packet inspection (SPI) and NAT (Network Address Translation) secures your network against hackers. NAT Firewall with VPN (virtual private network) endpoint capability protects against Internet attacks, and auto-partitioning on each port protects each installed computer from damaged network connections. TACACS+/RADIUS Telenet Remote Administration authentication provides added security as to who can manage your gateway. URL content filtering and time-of-day usage limits give administrators control over user access. Emailed reports of browsing activities and optional real-time email alerts provide further input on user activity.

USB-Easy

Simple for anyone to set up and use, even those without networking experience. A USB port provides simple plug-and-play connectivity. Lighted status icons make it easy to monitor network activity.



Product Specifications

• System Requirements

- Broadband cable Internet service
- Ethernet adapter and cable for each computer
- Windows®, 2000, XP, Mac® OS,
- NetWare®, UNIX®, or Linux®
- Internet Explorer 5.0 or Netscape® 6.0 or higher

• Routing Protocol

- Static & dynamic routing with TCP/IP, VPN endpoint and pass-through (IPsec), NAT, UDP, DNS, DHCP (client & server). RIPv1, RIPv2

• Electromagnetic Compliance

- FCC

• Interface Specifications

- LAN ports: Four (4) 10/100 Mbps auto-sensing, Auto Uplink™ RJ-45 ports (one Cat 5 UTP cable included), one (1) USB port, 802.11g wireless
- WAN ports: External "F" type Coax connector

• Lighted Status Icons

- Power, internet, upstream traffic, downstream traffic, Ethernet (1 through 4)

• Security Features

- Firewall: Stateful packet inspection (SPI) to prevent denial-of-service (DoS) attacks (Syn flood, ICMP flood, UDP flood, "ping of death", IP spoofing, land attack, tear drop attack, IP address sweep attack, Win Nuke attack), intrusion detection system (IDS) including logging, reporting and email alerts, web URL content filtering

- VPN functionality: VPN endpoint and pass-through (IPsec, PPTP)
- 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

- Local administration interface: Web graphic user interface with protected user name and password
- Remote Management: CableHome 1.1 compliant, telnet

• Protocol Support

- Network: IP routing, TCP/IP, UDP, ICMP
- IP Addressing: DHCP (client and server)
- VPN/security: VPN endpoint and pass-through (IPsec)

• User Support

- Wired LAN: Up to 253 users

• RFC Support

- IPsec tunnel mode (pass through mode) (RFC 2401) (IP v.4)
- RIP v2 (RFC 2453)
- RIP v1 (RFC 1058)
- RADIUS (RFC 2865)
- DHCP server (RFC 2131)
- DHCP client (RFC 2131)
- TFTP client (RFC 1350)
- NAT (many-to-one) (RFC 1631)
- IP control Protocol (RFC 1332)

• 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®, Xbox®

• Functions

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

• Physical Specifications

- Dimensions (h x w x d): 30 x 175 x 114 mm (1.2 x 6.9 x 4.5 in)
- Weight: 0.31 kg (0.68 lb)

• Environmental Specifications

- Operating temperature: 32 to 104° F (0 to 40° C)
- Operating humidity: 90% maximum relative humidity, non-condensing

Package Contents

- Commercial Cable Modem Gateway (CG814CCR or CG814CPR)
- Resource CD
- Power adapter
- Ethernet cable
- USB cable
- Installation guide
- Warranty/support information card



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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.

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput. Some features may vary with customer/MO specific model.