

NETGEAR®

DOCSIS® 3.0 N450 Voice/Data Gateway

Data Sheet – Preliminary

CG3000 V2



The NETGEAR® CG300 v2 gateway delivers long range wireless performance

The CG3000 v2 DOCSIS 3.0 Gateway is an advanced gateway product with 8x4 and combines two analog voice lines, a 4-port Gigabit router, and high power N450 3x3 wireless access point into a single device capable of supporting both home and small office applications.

CG3000v2 provides up to 450Mbps on the wireless link speed. It supports a wide range of features and applications such as ReadySHARE® and NETGEAR genie®. Improved wireless range delivers better connections for larger homes and multiple devices, while four Gigabit Ethernet ports offer ultra-fast wired connectivity. One USB port enables faster USB access speeds for wireless access to connected hard drives. The CG3000 v2 offers complete support for a variety of voice codecs, including HD Voice support, as well as multiple call signaling protocols including NCS, Legacy SIP, and PacketCable 2.0 IMS. NETGEAR Enhanced Support Tools offer easy troubleshooting for Cable Operators providing unprecedented visibility and diagnostic tools to ensure carrier-grade voice services.

Benefits

- Faster WiFi speed up to 450 Mbps
- Improved WiFi coverage
- Wirelessly access and share USB hard drive
- ReadySHARE®
- Parental controls
- Gigabit Ethernet—Ideal for HD gaming and video
- DLNA®—Find and play your media on DLNA enabled TVs and other media players
- ReadySHARE® USB access
- Push 'N' Connect—Easy push button WiFi connections (WPS)
- WiFi and Power On/Off—Convenient power savings
- TR069
- IPv6

Whole Home System



Features

- WAN: Cable, DOCSIS®/Euro-DOCSIS up to 8x4. Optional 1 Gig WAN port
- LAN: 4 Gig Ethernet ports
- Voice: 2 Ports RJ11 FXS
- WiFi: N450 3x3 – 2.4GHz
- 2 USB host port
- DOCSIS® 3.0/Euro-DOCSIS 3.0 – Up to 8x4 channel bonding
- Up to 400 Mbps WAN speed
- Full band capture
- N450 – WiFi
- Enhanced support tools
- TR069, SNMP
- Integrated speed test
- Hotspot/WiFi offload support using GRE soft tunneling
- Support for NCS, Legacy SIP and PacketCable 2.0





DOCSIS® 3.0 N450 Voice/Data Gateway

CG3000 V2

Technical Specifications

Physical Interfaces

- DOCSIS® 3.0/Euro-DOCSIS 3.0—Up to 8x4 channel bonding
- Up to 400 Mbps WAN speed
- Full band capture
- N450; WiFi
- Enhanced support tools
- TR069, SNMP
- Integrated speed test
- Hotspot/WiFi offload support using GRE soft tunneling
- Support for NCS, Legacy SIP and PacketCable 2.0