



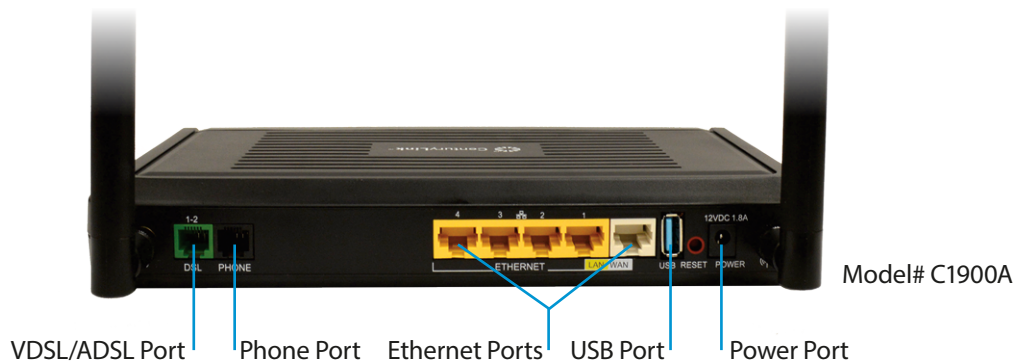
Model# C1900A

## One of the Most Powerful Routers Built

The C1900A is one of the most robust consumer routers available today. Featuring the extended reach and high bit rates of Pair Bonded VDSL2+, the C1900A delivers some of the fastest DSL speeds around for a brilliant HD IPTV, gaming, VoIP, and Web experience. With a robust hardware design and loads of in-home networking options (including Gigabit Ethernet and Wireless N), this home router offers blazing-fast performance for even the most demanding applications. In addition to Bonded VDSL2+, the C1900A also supports single-line ADSL2+/2 (with auto fallback) and Gigabit Ethernet WAN. This versatility means the same router works on any VDSL, ADSL, or GPON network.

## Key Features

- Bonded and Single Line VDSL2
- Bonded and Single Line ADSL2+
- Gigabit Ethernet WAN/LAN Port
- Gigabit 4-Port Ethernet LAN Switch
- USB Host Port
- 802.11n Wireless Built In
- Robust Firewall
- Wireless Security
- TR-069/TR-064 Support
- Remote Management



## Features/Specifications

### Interfaces

- One Bonded VDSL2/ADSL2+ Line
- One Gigabit Ethernet WAN
- Four Gigabit Ethernet LAN
- One USB Host Port
- One RJ-14 Phone Port

### Wireless

- 802.11n
- 802.11 b/g
- External RADIUS Server Support
- Multiple SSID
- WPS
- WMM, WMM PowerSave
- External MiMo 2x2 Antenna
- URL Redirect
- Wireless Security
  - Wi-Fi Protected Access (WPA, WPA2)
  - WEP, AES encryption
  - 802.1x authentication
  - Pre-Shared Key (PSK)
  - MAC Address Filtering

### Remote Management

- User-enable Remote Management
- TR069 Carrier Remote Management
- TR064 Local Management

### Advanced Security

- Customizable Firewall
- Stateful Packet Inspection
- NAT
- Website Blocking
- Web Service Blocking
- Parental Control
- Customizable Filtering Policies per Computer
- Internet Traffic Logging
- Demilitarized Zone (DMZ)
- IP Protocol Filtering

### QoS Support

- Diffserv
- 802.1p/q Prioritization
- Configurable Upstream/Downstream Traffic Shaping
- Pass-through of WAN-side DSCPs, PHBs & Queing to LAN-side devices
- Prioritization via DHCP options

### Advanced Features

- DHCP Server Option
- DHCP/PPoE Auto Detection
- DNS Relay
- LAN IP & WAN IP Address Selection
- Port Forwarding, Port Triggering
- GMP v1, v2, v3 (available soon)
- MAC Address Filtering
- GMP proxy and snooping
- PTM/ATM Auto Detection
- Dynamic DNS
- DNS Host Mapping
- Simplified GUI Configuration)

### Future Applications

- Home Automation via Z-Wave
- Home Monitoring
- Storage

### Min. Sys. Requirements

- PC or Macintosh with Ethernet or 802.11b/802.11n wireless connection.
- Internet Explorer 7.0+, Safari, Firefox