

# Wireless NVDSL2 Modem/Router

## Wireless N VDSL2 Modem/Router with Auto Fallback to ADSL2+



### **One of the most Powerful Routers Built**

The C1000A is one of the most robust routers available today. With its new, powerful wireless N radio, gigabit Ethernet switch, dualcore 32-bit processor and capacious amounts of memory (64 MB Flash, 64 MB SDRAM), the C1000A can simultaneously suport a wide range of demanding multimedia applications, including IPTV, media sharing, and online gaming. As a point of comparison, most routers use a 32-bit single core processor, 4 MB Flash, and 8 MB SDRAM.

#### **Key Features**

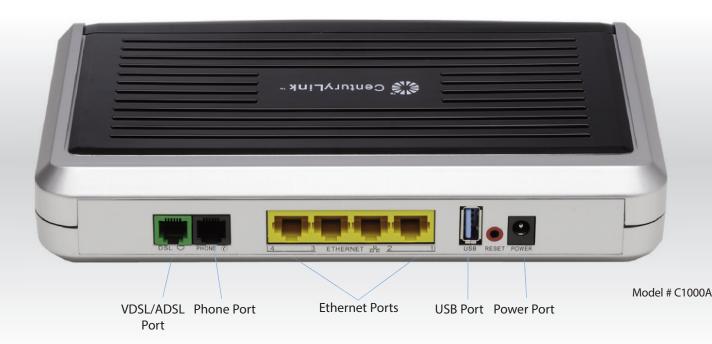
Gigabit Ethernet Built In 802.11n Wireless Built In Backward Compatible to ADSL 2/2+ Robust Firewall Wireless Security TR-069/TR-064 Support Remote Management

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### **Features/Specifications**

#### Interfaces

- Four 10/100/1000 BaseT Ethernet LAN
- One VDSL/ADSL Line
- One RJ-14 Phone Port
- One USB Host Port

#### Wireless

- 802.11n
- 802.11 b/g
- External RADIUS Server Support
- Multiple SSID
- WPS
- WMM, WMM PowerSave
- Internal 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

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Product photo may differ from actual product, however functionality remains as stated above. Specifications are subject to change without notice

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

#### **Future Applications**

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

#### Min. Sys. Requirements

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

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