

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



Model # C1000A

### 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, dual-core 32-bit processor and capacious amounts of memory (64 MB Flash, 64 MB SDRAM), the C1000A can simultaneously support 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



VDSL/ADSL Port  
Phone Port

Ethernet Ports

USB Port  
Reset  
Power Port

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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

### 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 & Queuing 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