

JAD421SOW



Optimize IAD

The JAD421SOW CPE IAD solution provides VoIP, WLAN 802.11b/g and full Ethernet bridge and router functionality and proven ADSL/ADSL2/ADSL2plus performance and combines an “always-on” high speed connection to the telephone line, and Ethernet connection to a host PC or Ethernet hub into a single cost-effective solution. JAD421SOW IAD Router with full compliance to T1.413 i2, G.992.1, G.992.2 (G.lite), G.992.3 (G.dmt.bis/ADSL2), and G.992.5 (ADSL2plus), and support for Annexes A, B and M for DSL. SIP voice protocol and 802.11b/g wireless lan standard.

Voice features

- Support for SIP protocols
- Telephony functions (call waiting, call hold, call forward)
- Echo cancellation (G.168) – configurable
- Silence suppression (Voice Activity Detection (VAD) and Comfort Noise Generation (CNG))
- FAX - T.38 relay and G.711 pass through
- Incoming and outgoing calls can be routed over either the PSTN or VoIP,
- Soft relay support to handle connections between the FXS and FXO ports
- Hard ‘fail-safe’ relay to connect the FXS port directly to the FXO port in the event of Power failure or loss of the Internet connection

Wireless LAN 802.11b/g

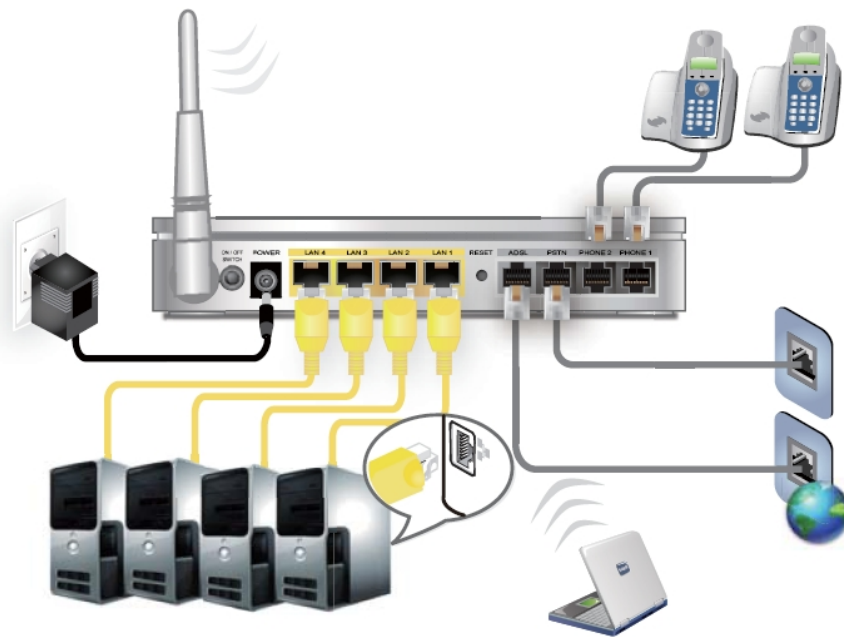
- Support WLAN ON/OFF switch button
- Support WLAN WPS switch button
- Fully integrated IEEE 802.11g-compliant MAC, baseband, and modem functions
- Supports 802.11g data rates of up to 54 Mbps with automatic fallback to 48, 36, 24, 18, 12, 9, and 6 Mbps
- Supports 802.11b data rates of up to 11 Mbps with automatic fallback to 5.5, 2, and 1 Mbps
- Supports 64 and 128-bit WEP, WPA, and WPA2, WPS

ADSL2+ features

- DMT: T1.413, G.992.1, G.992.2, G.992.3, G.992.5 with auto-detection
- Supports PPP encapsulation over ATM (PPPoA) and PPP over Ethernet (PPPoE)
- Supports RFC1483 Route and RFC1483 Bridge
- Point-to-Point Protocol (PPP)
 - PPP over ATM (only single-link PPP per VC)
 - PPP over Ethernet encapsulation over the virtual interface (per RFC 2516)
 - PAP or CHAP for user authentication

Network Management

- Web-based Graphical User Interface (GUI) enabling end-user device configuration Via HTTP
- CD-ROM easy setup program



Firewall Security

- Stateful packet inspection (SPI)
- NAT/NAPT
- DMZ
- DOS
- Common types of Attacks
- MAC and IP level packet filtering

LAN Protocols / Ethernet Interfaces

- Support 1 Port Ethernet Interface (10/100Mbps) which compliant with IEEE 802.3x standards.
- 10/100 Mbps auto selection
- Ethernet port supports Automatic MDI/MDI-X configuration transceiver.

Hardware interface

- 1 Power jack
- 1 Power switch for power on /off
- 1 Reset button for reset to factory default function
- 4 Ethernet jacks for LAN port connection
- 1 RJ11 phone jacks for ADSL connection
- 1 antenna
- 1 RJ11 phone jack for VOIP FXO connection
- 2 RJ11 phone jacks for VOIP FXS 2 ports connection
- 1 WLAN ON/OFF button
- 1 WLAN WPS button

Environment

- Operating Temperature: 0°C~40°C
- Storage Temperature: 0°C~60°C
- Operating Humidity: 10%~85% RH
- Storage Humidity: 10%~90% RH

Dimension :183X127X30mm