

JDR4150WN

Wireless N 150Mbps ADSL2+ Router

Introduction

The JDR4150WN routers are high-speed ADSL2+ Ethernet router that is specifically designed to connect to the Internet and to directly connect to your local area network (LAN) via high-speed 10/100 Mbps Ethernet connection and/or Wireless 802.11n. The ADSL2+ modem is compatible with the latest ADSL standards, including ADSL2 and ADSL2+, and supports up to 24 Mbps downstream and 1.5 Mbps upstream to deliver true broadband speed and throughput.



ADSL2 Features

- ITU-T G.992.1(G.dmt)
- ANSI T1.413 Issue 2
- G.992.2 (G.lite)
- G.994.1 (G.hs)
- Auto-negotiating rate adaptation
- ADSL2 G.dmt.bis (G.992.3)
- ADSL2 G.lite.bis (G.992.4)
- ADSL2+ (G.992.5)

Software Features

- RFC-1483/2684 LLC/VC-Mux bridged/routed mode
- RFC-1577 Classical IP over ATM
- RFC-2516 PPPoE
- RFC-2364 PPPoA
- ITU-T 1.610 F4/F5 OAM send and receive loop-back
- 802.1d Spanning-Tree Protocol
- DHCP Client/Server/Relay
- NAT
- RIP v1/v2
- DNS Relay Agent
- DMZ support
- IGMP Proxy/Snooping
- Stateful Packet Inspection
- Protection against Denial of Service attacks
- IP Packet Filtering
- QoS
- Dynamic DNS
- UPnP support



Management

- Web-based Configuration
- Menu-driven Command-line Interpreter
- Telnet Remote Management
- SNMP v1/v2/Trap
- Firmware upgrade through FTP, TFTP and HTTP
- Configuration backup/restore
- Diagnostic Tool
- TR069 supported (option)

Wireless Standard

- IEEE 802.11n Draft 2.0 compliance. Backwards compatible with 802.11b/g
- Support Wifi ON/OFF switch button
- Support Wifi WPS switch button
- Support 802.11n: Up to 150Mbps
- 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 long and short preamble modes
- Compliant transmit modulation accuracy and transmit power spectral density
- IEEE 802.11i Security supports 64/128-bits WEP, WPA, WPA2, WPS and WDS
- MAC Address Filter
- Multi-SSID
- IEEE 802.11e QoS enhancement (WMM)

Operating Frequency /Channel

- USA (FCC) 11 Channels: 2.412GHz ~ 2.462GHz
- Europe (ETSI) 13 Channels: 2.412GHz ~ 2.472GHz
- Japan 14 channels: 2.412GHz ~ 2.484GHz

Ethernet LAN Protocols /Interfaces

- Support 4 ports Ethernet Interface 10/100 Mbps auto selection which compliant with IEEE 802.3x standards.
- 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 jack for LAN port connection
- 1 RJ11 phone jack for ADSL connection
- 1 antenna
- 1 WLAN ON/OFF button
- 1 WPS button

