

# JBR4150WN

## 150Mbps Wireless 11N AP Router



### Introduction

The 150Mbps Wireless-N Broadband Router is dedicated to Small Office/Home Office (SOHO) Wireless network solution. It is 4 in 1 network device, which combines wireless access point, firewall, 4-port Switch and the NAT-Router. It provides up to 150Mbps data transmission rate in 2.4GHz frequency, complies with IEEE 802.11n, IEEE 802.11g and IEEE802.11b and backwards compatible with all IEEE 802.11n/g/b devices. And the router also supports wireless LAN up to 128-bit WEP, WPA/WPA2 encryption security. The 150Mbps Wireless-N Broadband Router also provides WEB and Remote Management and system log so that network administrators can manage and monitor the network in real time.

The 150Mbps Wireless-N Broadband Router also provides a hardware WPS (Wi-Fi protected setup) button, which helps you setup a secure wireless network in a snap. The button lets you activate the wireless protection easily

### Features

- Fully compliant with IEEE802.3 10 Base-T, IEEE802.3u 100 Base-TX standards
- Support MAC filtering, IP access control, DNS filter
- Support UPNP (universal plug and play)
- Upgradeable firmware for future functions
- Supports 64/128-bit WEP, WPA and WPA2 wireless security mode
- WPS (PIN/PBC) enabled
- Support multiple AP
- Support multiple BSSID
- Support DMZ
- Support FTP, PPTP and L2TP pass through
- Support multi-wireless mode: AP, WDS, AP+WDS, repeater, client
- Support DHCP Client, PPPoE Client, Static IP, PPTP
- Connect your computers, gaming consoles, Internet-enabled HDTVs and Blu-Ray players, and other wireless devices at up to 300 Mbps of transfer speeds
- Parental controls to supervise Internet activity

## Hardware Specification

- Ports
  - ✧ 4x 10/100M Auto MDI/MDIX LAN port
  - ✧ 1x 10/100M Auto MDI/MDIX WAN port
- Button
  - ✧ Default
  - ✧ WPS
- LED
  - ✧ WPS
  - ✧ SYS
  - ✧ WLAN
  - ✧ WAN
  - ✧ LAN1-4
- Antenna
  - ✧ 1x5dBi
- Cabling Type
  - ✧ UTP CAT3 or up
- Wireless Spec.
  - ✧ Frequency
    - 2.412GHz-2.4835GHz
  - ✧ Data Transfer Rates
    - 11n: 40Mbps (150 Mbps, 135 Mbps, 120 Mbps, 90 Mbps, 60 Mbps, 45 Mbps, 30 Mbps, 15 Mbps) 20Mbps (72 Mbps, 65 Mbps, 57 Mbps, 43 Mbps, 28 Mbps, 21 Mbps, 14 Mbps, 7 Mbps) (Auto-Sense)
    - 801.11g:(54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps)
    - 802.11b:(11Mbps,9Mbps, 6Mbps, 5, 5Mbps, 2Mbps, 1Mbps)
  - ✧ Channel
    - USA, Canada(FCC):11channels(2.412GHz-2.462GHz)
    - Europe(CE): 13 channels (2.412GHz-2.472GHz)
    - Japan: 14 channels (2.412GHz-2.4835GHz)



## Software Specification

- Standards and Protocol
  - ✧ IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
  - ✧ IEEE 802.11e, IEEE 802.11h, IEEE 802.11i
  - ✧ IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
- Wireless
  - ✧ Support wireless mode: AP, WDS, AP+WDS, repeater, client
- Wireless security:
  - ✧ Non、WEP、WPA、WPA2、WPA/WPA2
- Security
  - ✧ IP Access Control
  - ✧ Host Filter
- LAN Management
  - ✧ LAN IP setup
  - ✧ DHCP Server
- Gaming & Applications
  - ✧ UPnP
- System Management
  - ✧ Reset Default
  - ✧ Reboot
  - ✧ Upgrade
  - ✧ WOL

## Environment

- Dimension
  - ✧ 133(L)\*99(W)\*28(H)mm
- Power
  - ✧ DC 9V 500mA
- Operating Temperature
  - ✧ -20° to 40° C
- Storage Temperature
  - ✧ -30° to 80° C
- Operating Humidity
  - ✧ 10% to 90% RH non-condensing



- Storage Humidity
  - ◇ 5% to 90% RH non-condensing

## **Certification**

FCC Part 15 Class B, CE

