

# JBR4100WN

## Wireless 11N Broadband Router



This Wireless Broadband Router is a cost-effective IP Sharing Router that enables multiple users to share the Internet through an ADSL or cable modem. The Wireless Broadband Router is embedded with a IEEE 802.11g/b/n access point that allows you to build up a wireless LAN. With the support of new emerged 802.11n standard, the access point provides data transfer of up to 300Mbps, up to 6 times faster than 802.11g.

## Key Features

- Supports MIMO technology with **2 transmit and 2 receive**.
- **Internet access mode**  
DHCP Client 、 PPPoE Client、 Static IP 、 PPTP Client 、 L2TP Client
- **Wireless**  
Support wireless mode: AP 、 Multi-AP(Multi-SSID) 、 WDS、 AP+WDS 、 Repeater、 Client Ad-hoc 、 Client Infrastructure  
Wireless security: Non 、 WEP 、 WPA Personal 、 WPA2 Personal 、 WPA&WPA2 Personal 、 WPA Enterprise 、 WPA2 Enterprise 、 WPA&WPA2 Enterprise 、 802.1x&WEP Radius  
Turbo Mode  
WMM  
802.11F(IAPP)  
WPS: Wi-Fi Protected Setup
- **Security**  
MAC Filter  
IP Access Control  
Time Based IP Access Control  
DNS Filter  
Block WAN Ping DOS
- **QoS**  
Host Based Bandwidth Limit  
Application&Game Based QoS
- **LAN Management**  
LAN IP setup  
DHCP Server  
DHCP Client  
DHCP Static IP  
DHCP Client table  
802.1d Spanning tree  
Domain Name  
LAN MAC Clone



- **Gaming & Applications**  
Virtual Service  
DMZ  
Port Trigger  
UPnP
- **ALG**  
PPTP Pass-through  
L2TP Pass-through  
IPSec Pass-through
- **Routing**  
Static Routing  
Advance Setting
- **Device Mode(device working in NAT or Routing modes)**
- DDNS**  
Oray  
Dyddns
- **System Management**  
User Setup(user name&password)  
WEB Server Setup(web remote access)  
TiemZone(NTP)  
Reset Default  
Backup & Restore settings  
Reboot  
Upgrade
- **Gateway mode**
- **Bridge mode**
- **Wireless ISP**

## Specifications

Hardware Specifications	Chip	RTL8196B+RTL8191RE
	Power	9V 700mA
	Dimensions (W x D x H)	145mm(L) x 35mm(W) x 158mm(H)
	Weight	250g
	LED Indicators	PWR WPS SYS Wireless WAN&LAN: Link/Activity
	Ports	4x 10/100M Auto MDI/MDIX RJ45 ports 1x 10/100M Auto MDI/MDIX RJ45 port
	Network Media	UTP CAT3 or up



Wireless Parameters	Frequency Band	2.412GHz-2.4835GHz
	Data Transfer Rates	11n: 300~270M(Auto-Sense) 11g: 54/48/36/24/18/12/9/6M (Auto-Sense) 11b: 11/5.5/2/1M (Auto-Sense)
	channel	USA, Canada(FCC):11channels(2.412GHz-2.462GHz) Europe(CE): 13 channels (2.412GHz-2.472GHz) Japan: 14 channels (2.412GHz-2.4835GHz)
	Modulation	CCK OFDM
	Transmission Distance	Indoor up to 200m, outdoor up to 800m (Standard transmission distance, it is limited in an environment).
	RF Power	11b:20dBm 11g:15dBm 11n:13dBm
	Antenna	2dBi
Standard and Protocol	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n IEEE 802.11e, IEEE 802.11h, IEEE 802.11k, IEEE 802.11i, IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX	
Humidity	10% to 90% RH non-condensing (operating) 5% to 90% RH non-condensing (storage)	
Temperature	0° to 40° C (operating), -40° to 70° C (storage)	
Certification	FCC Part 15 Class A, CE	

## Ordering information

Model	Description
JBR4100WN	Wireless 11N 4-Port Broadband Router

