



Shanghai Baud Data  
Communication Co., Ltd.

WiFi router

WAP2100-WR1200N

Wireless router

## 【Product Overview】

The WAP2100-WR1200N is a high-performance gigabit wireless router supporting 802.11AC technology. It operates on the 2.4GHz and 5.8GHz wireless bands, meeting the demands of high-speed wireless internet access. The 2.4GHz band supports a maximum wireless access speed of 300Mbps, and the 5.8GHz band supports a maximum wireless access speed of 867Mbps, resulting in an overall wireless speed of up to 1200Mbps. It features high performance, high gain, high receiver sensitivity, high bandwidth, low latency, high density, and high access capacity, providing not only wider coverage but also superior wireless transmission performance and stability.

The WR1200N features a simple and stylish design and is easy to install, making it an ideal choice for small wireless access scenarios such as homes, supermarkets, restaurants, and micro-enterprises.



WAP2100- WR1200N

## 【Key Features】

### ➤ Hardware NAT

The WR1200N supports hardware NAT for fast forwarding, combined with software performance optimization. In NAT mode, the WAN port forwarding rate reaches over 900Mbps; while in bridged mode, the forwarding rate can reach 1Gbps, easily handling high-bandwidth access. Hardware NAT significantly improves internet access performance and greatly enhances the user experience.

### ➤ Rich feature configuration

The WR1200N supports IPv4 and IPv6 dual protocol stacks, IPTV forwarding, guest network, parental controls, universal repeater, port mapping, and DMZ, easily handling various complex network scenarios and meeting your diverse needs.

➤ **Green and energy-saving**

The WR1200N supports IEEE 802.3az and can automatically adjust power consumption according to the actual traffic of the port. It can quickly switch between full-speed operation and low-power idle mode, saving users 30% of power consumption and greatly reducing operating costs.

➤ **Security strategy**

It supports WPS, WPA, and WPA2 wireless security access, and features SSID hiding, guest network, wireless blacklist/whitelist, WPS, port isolation, NAT ALG, MAC ACL, IP ACL, NAT, and DDoS protection, effectively protecting network security and ensuring user network data security at all times.

**Hardware Specifications**

wireless technology	2.4GHz: 802.11b/g/n protocol, MIMO 2*2, wireless speed 300Mbps; 5.8GHz: 802.11a/n/ac protocol, MIMO 2*2, wireless speed 867Mbps;
Antenna Specifications	2.4GHz: Two 5dB high-gain omnidirectional antennas 5.8GHz: Two 5dB high-gain omnidirectional antennas
Network interface	One 10/100/1000Mbps auto-sensing WAN port 3 10/100/1000Mbps adaptive LAN ports
Operation buttons	1 Reset button
indicator lights	System status indicator lights
Power input	12V 1A adapter, maximum power consumption < 12W
Product Dimensions	190×120×35 mm
Work environment	Temperature: 0°C~55°C Humidity: 5%~95% Non-condensing
Protection level	IP41

**[Software Functions]**

Network Protocol	PPPoE dialing, DHCP dynamic acquisition, Static configuration
IP Function	TCP/IP, NAT, DNS, DHCP, etc.
Wireless function	SSID and password settings, WEP/WPA/WPA2 encryption
	Wireless channel, bandwidth and power settings
	WPS Functions
Advanced features	Hardware NAT, IPTV
	Guest network, parental controls
	IPv6, etc.
Firewall	NAT ALG, port mapping, DMZ

	Blacklists, whitelists, IP ACLs, MAC ACLs
	DDoS suppression and URL filtering
Equipment Management	Web graphical management
	Quick Configuration Wizard
	Remote centralized management

**【Ordering Information】**

WAP2100-WR1200N	Boda WAP2100-WR1200N Wireless Router (4 Gigabit Ethernet ports, supports 802.11AC wireless protocol, maximum speed 1200Mbps, standard configuration includes 4 high-power omnidirectional antennas)

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