PHYHOME

Making the world better.

N300 Wireless Router

W1（1FE WAN+2FE LAN+N300）

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N300 Wireless Router

W1

Product Descriptions

W1 is a wireless N router, providing speedy and stable Wi-Fi for your network needed devices. Up to 300Mbps wireless speed makes it a practical solution for home network applications like files download, video chat or online streaming.

Main Features

- Complies with the latest IEEE 802.11n standards.
- 2.4GHz wireless speed up to 300Mbps.
- Supports DHCP, Static IP, PPPoE Internet connection type.
- Provides WPA/WPA2 mixed security.
- Secured wireless connection can be established with only one push on the WPS button.
- QoS: Bandwidth Control based on IP address.
- Supports IP/Port filtering, MAC filtering, URL filtering, Virtual Server and DMZ.
- Universal Repeater function for easy Wi-Fi extension.

- Multiple SSIDs enables to create different guest network.
- Supports to extend your source Wi-Fi to wider coverage.

Specification

Hardware	
Interface	- 2 * 100Mbps LAN Ports - 1 * 100Mbps WAN Port
Power Supply	- 5VDC/0.6A
Button	- 1 * RST/WPS Button
LED	- 1* System, 1* Wi-Fi, 1* WAN, 2* LAN
Antenna	- 2 * external fixed antennas (2.4G)
Dimensions (L x W x H)	- 175.5 x 121.3 x 29mm

Wireless	
Standards	- IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
RF Frequency	- 2.4~2.4835GHz
Data Rate	- 2.4GHz: Up to 300Mbps
EIRP	< 20dBm
Wireless Security	- WPA/WPA2 Mixed
Reception Sensitivity	11b 11M：-85dBm@8% PER 11g 54M：-72dBm@10% PER 11n HT20 MCS7：-68dBm@10% PER HT40 MCS7：-65dBm@10% PER

Software		
Operation Mode	- Gateway Mode - Bridge Mode	- Repeater Mode - WISP Mode

Home	- Quick Setup - Basic setup - Advanced setup - QR Code - LED - Logout - Reboot
Network	- WAN Setting - LAN Setting - DDNS Setting - IPTV Setting - IPv6 Setting
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
Wireless	- Basic setup - Guest Network(Multiple SSID) - Wireless Schedule - Access Control - Advanced setup
Parental Control	- Internet time control based on MAC
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
Device management	- Static Route - Routing Table - IP/MAC Binding
Security	- MAC Filtering - IP/Port Filtering - URL Filtering
NAT	- Virtual Server(Port Forwarding) - DMZ - VPN passthrough
Tools	- Upgrade Firmware - Time Setup - Remote management - Password Settings - Reboot Schedule - System Log and so on
Others	
Package Contents	- W1 Wireless Router *1 - Power Adapter *1 - Ethernet Cable *1 - Quick Installation Guide *1
Environment	- Operating Temperature: 0℃~50 ℃ (32 ℉~122℉) - Storage Temperature: -40℃~70 ℃ (-40 ℉~158℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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