

WR300 Wireless Router

Features

- ◇ Complies with the IEEE 802.11b/g and IEEE802.11n draft 2.0 standards
- ◇ High data rate up to 300Mbps network speed
- ◇ Supports AP client mode
- ◇ Supports WPS (Wi-Fi Protected Setup) function
- ◇ Supports hidden SSID function
- ◇ Supports DDNS (dynamic DNS)
- ◇ Integrated anti-DOS firewall
- ◇ Provides MAC access control
- ◇ Supports UPNP (Universal Plug and Play)
- ◇ Supports WDS (Wireless Distributed System) repeater mode
- ◇ Supports WMM function to meet the multimedia data bandwidth requirement
- ◇ Supports 64/128-bit WEP, WPA, WPA2 wireless security
- ◇ Obtain WAN IP by PPPoE/DHCP/static IP/PPTP
- ◇ Integrated 10/100 Mbps LAN switch with Auto MDI/MDI-X support
- ◇ Provides DHCP server
- ◇ VPN pass through (L2TP/IPSec/PPTP)
- ◇ Supports virtual server, port forwarding and DMZ(demilitarized zone)
- ◇ Supports system status (port connectivity) and remote log for network management
- ◇ Supports web-based configuration
- ◇ Firmware upgradeable via web browser



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Description

The WR300 Wireless 11N Router is a combined wired/wireless network connection device designed specifically for small business, office, and home office networking requirements. It complies with the IEEE 802.11n standard with wireless transmission speeds of up to 150M. The router features 4 10/100Mbps ports to achieve the most effective data transmission. It works well with other 11g and 11n protocol wireless products.

Parameter

| Item | Description |
|-------------------|--|
| SoC + RF | Ralink RT3052 |
| Flash | 4 MB |
| RAM | 32MB |
| Antenna | Non-detachable 3dBi Antenna x 2 (2T2R MIMO Technology) |
| Wireless features | Support IEEE 802.11g, 802.11b and 802.11n draft 2.0 Wireless Access Point |
| | Superior wireless coverage and high performance, up to 300Mbps for wireless data rates |
| | Support WDS, AP, AP Client mode |

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| Maximum coverage distance | 100 m indoors;300 m outdoors |
| Modulation types supported | OFDM: BPSK, QPSK, 16QAM, 64QAM, Proprietary MIMO modulation (11g) |
| | DSSS: DBPSK, DQPSK, CCK(11b) |
| Data rates supported | IEEE 802.11b: 1, 2, 5.5 and 11 Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n(draft 3.0): up to 300Mbps |
| Quality of Service (QoS) | IEEE 802.11e QoS |
| | Wi-Fi alliance WMM (Wi-Fi Multimedia Enhancement) support |
| | Hardware-based priority queues |
| Management features | Firmware upgrade via HTTP |
| | WAN and LAN side connection statistics |
| | Configuration of static routes and routing table |
| | Configuration of NAT / NAPT |
| | Selection of bridge or router mode |
| | PPP user ID and password |
| Physical interfaces | 4 x RJ-45 10/100Mbps LAN Ports 1 x RJ-45 WAN Port 1 x power jack 2 x detachable antennas |
| Router features | DHCP server and client |
| | NAPT (Network Address and Port Translation) |
| | NAT (Network Address Translation) |
| | ICMP (Internet Control Message Protocol) |
| | IGMP (Internet Group Management Protocol) |
| | DDNS (Dynamic Domain Name Service) |
| Security features | Password protected configuration access |
| | User authentication (PAP / CHAP) with PPP |
| | Support 64/128-Bit WEP encryption, WPA-PSK, WPA2-PSK, WPS and 802.1x |
| Ethernet features | Compliant with IEEE 802.3 and 802.3u 10/100 Mbps |
| | All Ethernet ports support auto-crossover (MDI/MDI-X) |
| Power | 9VDC, 1A Single Range Switching Power Adapter |
| Temperature | 0°C to 40°C (operating) -20°C to +70°C (storage) |
| Humidity | 10% to 90% non-condensing (operating) 5% to 95% non-condensing (storage) |

Applications

- ◇ SOHO Network



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- ◇ WLAN
- ◇ LAN