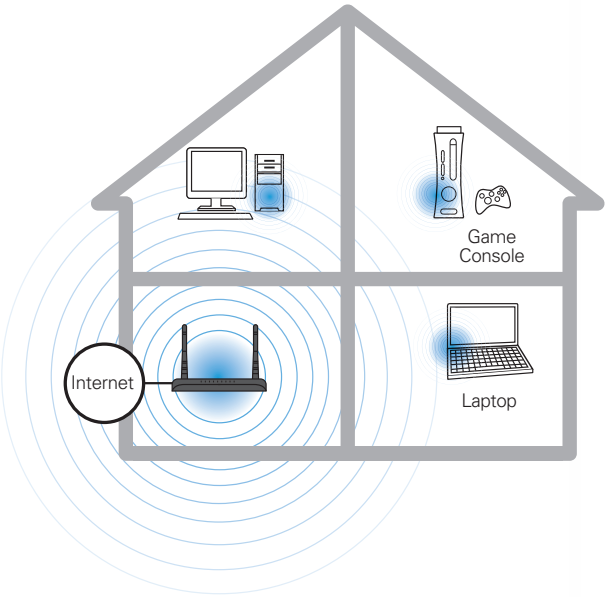
ReadyNet
CONNECTIVITY SIMPLIFIED

300 Mbps

WRT300N-DD WIRELESS ROUTER

Reliable High Speed 802.11n Remote Management and DD-WRT Capable Exceptional Wireless Performance for Streaming Movies, Broadband Internet, Home Networking and Mediacentric Applications

Readynet WRT300N-DD Wireless N 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 (Draft 2.0) standard with wireless transmission speeds of up to 300Mbps. This router features 4 10/100Mbps ports, works well with other 11g and 11n protocol wireless products, provides multiple security measures such as SSID broadcast control, MAC address access control, WEP encryption, WPA, WPA-PSK authentication, and QSS (Quick Secure Setup) compliance with WPS.



FEATURES

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

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GENERAL SPECIFICATIONS

Wireless Features
Supports IEEE 802.11g, 802.11b and 802.11n draft 2.0 Wireless Access Point
Up to 300Mbps wireless data rates, supports WDS, AP, AP Client mode

Maximum Coverage Distance
100 meters indoors, 300 meters 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)RJ-45 10/100Mbps LAN ports
(1)RJ-45 WAN Port
(1) power jack
(2) 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)

Flash
4 MB

RAM
32MB

Antenna
Detachable 3dBi antenna x 2 (2T2R MIMO technology)

Power
7.5VDC, 1A Single Range Switching Power Adapter

Operating Temperature
0°C to 40°C ambient temperature

Storage Temperature
-20°C to 70°C ambient temperature

Humidity
10% to 90% non-condensing (operating), 5% to 95% non-condensing (storage)

WARRANTY

1 Year Limited Product Warranty