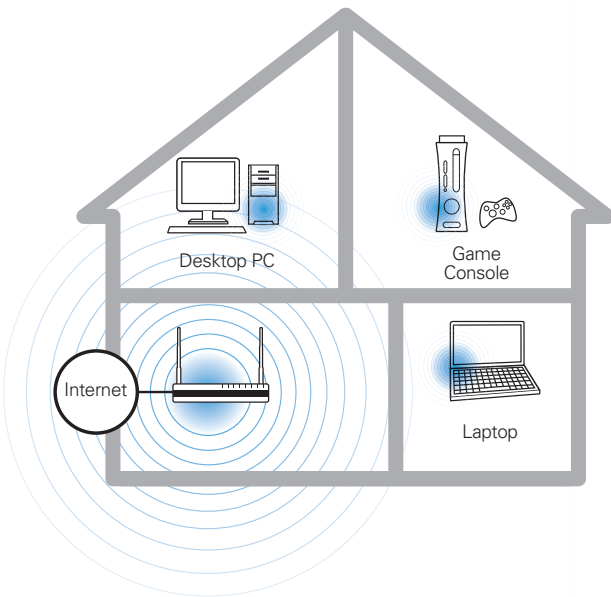


Secure (HTTPS) Remote Management and Provisioning, Dual Band 11ac Wi-Fi, and 580MHz CPU for high-speed, high bandwidth applications.

Surf, play online games, stream movies and network your devices with ReadyNet's RXN1000, a great networking solution for homes and small offices. With IEEE 802.11ac wireless transmission speeds up to 1200Mbps, 5dBi antennas for extended range, and TR-069 and Option 66 capabilities, the RXN1000 is an excellent solution for users and service providers looking for high quality, flexibility and security.



FEATURES

- 1 WAN and 4 LAN 100BASE-T RJ-45 Ethernet Ports (IEEE 802.3)
- Optional 100BASE-T RJ-45 combination SFP / Ethernet WAN port
- 802.11ac - up to 1200Mbps wireless
- 2.4GHz and 5.0GHz work simultaneously
- Hardware NAT, (HNAT) engine with 100Mbps NAT/NAPT speed
- TFTP, HTTP, HTTPS, TR-069 and Option 66 for provisioning
- Remote management
- Multi-level web management interface
- Supports 64-bit and 128-bit WEP, WPA/WPA2, WPA-PAK/WPA-PSK encryption
- 1 USB port for storage
- 5dBi external antennas

READYNET RXN1000 WIRELESS AC ROUTER

GENERAL SPECIFICATIONS

I/O Interface

- 1 RJ-45 port for WAN (Ethernet 100 Base-T)
- 4 RJ-45 ports for LAN (Ethernet 100 Base-T)
- 1 IEEE 2.0 host port (USB)
- 1 IEEE 802.11b/g/n
- 1 IEEE 802.11ac

Wireless Features

- 4 SSIDs per radio
- Static WEP (64/128bit)
- Dynamic WEP (64/128bit)
- AES (CCMP/TKIP)
- MAC authorization
- WEP authorization
- WPA-PSK/WPA2-PSK
- AP isolation and MBSSID AP isolation
- WMM
- WDS
- WPS
- Station list
- RADIUS authentication and billing
- AP and Repeater modes for 2.4GHz and 5.0GHz

Protocols

- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- HTTP Server for web management
- TFTP/HTTP/HTTPS for auto provisioning
- DNS/DNS SRV (RFC 1706 and RFC 2782)
- IEEE802.1Q VLAN/802.1p and IP DSCP

Network Protocols

- NAT and Bridge mode
- DDNS support
- MAC address cloning
- DHCP Server and Client
- IP conflict detection
- VLAN
- IGMP
- Flow control
- Port forwarding, DMZ host, Super DMZ
- UPnP
- Rate limit and MAC filter per port
- Broadcast storm control
- Classification by physical port, IP, port, 802.1p, DSCP and TCP/UDP port
- Marking by 802.1p and DSCP
- MAC filter per port
- VPN pass through (PPTP, L2TP and IPSec)

Security Support

- Packet filter for port, IP address, protocol and physical port
- Firewall
- Client certificates for HTTPS provisioning

Management

- Wireless station signal strength (RSSI) via web interface and TR-069
- Upload and Download speed test via TR-069
- 5GHz and 2.4 GHz spectrum scan via web interface and TR-069
- Remote Provisioning and Firmware Upgrade
- Auto provisioning with TFTP, HTTP/HTTPS
- TR-069, TR-104, TR-157, TR-143
- Multi-level Web management interface
- Local and remote Syslog (RFC 3164)
- SNTP time synchronization
- Telnet
- SNMPv2

Power Supply

- AC/DC adapter
- AC input: 100~240V, 50~60Hz
- DC output: 12V, 2A

Environmental

- Operation temperature: -5 to 45 degrees C
- Storage temperature: -25 to 85 degrees C
- Relative humidity: 10% to 90% no condensing

Certifications

- FCC
- CE
- UL
- RoHS Compliant

Flash

- 16M bytes flash

RAM

- 128M bytes DDR2 RAM

Accessories

- RJ45 cable x 1
- Power adapter x 1
- User manual x 1

Warranty

- 1 Year Limited Product Warranty