ReadyNet
CONNECTIVITY SIMPLIFIED

Dual-core 880MHz CPU with Gigabit Ethernet, dual band 11ac Wi-Fi, FXS ports for VoIP and secure (HTTPS) remote management and provisioning make the ReadyNet AC1200MS an ideal solution for high-speed, high-bandwidth services such as FttH (Fiber to the Home).
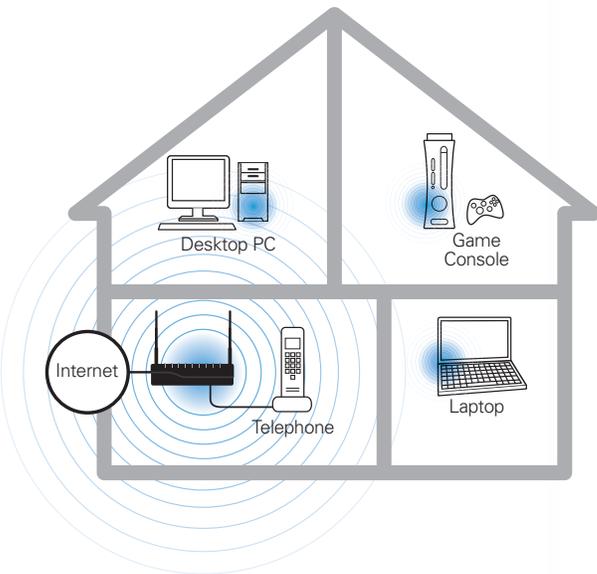
The ReadyNet AC1200MS VoIP Wireless Router combines Ethernet, wireless, and VoIP into a single, feature rich, cost effective solution. It is ideal for home users, home offices, and small offices. The ReadyNet AC1200MS not only provides high quality voice communications and wired Internet sharing capabilities, but also offers IEEE 802.11ac wireless transmission speeds of up to 1200Mbps.

With advanced router features including Quality of Service (QoS), the ReadyNet AC1200MS is able to make calls using SIP proxy voice communications. It uses the SIP V2 and 802.11 AC standards and is compatible with most service providers. It features 2 FXS telephone ports, 5 Gigabit Ethernet ports and 1 Wireless AC access point.

FEATURES

- 1 WAN and 4 LAN 1000BASE-T RJ-45 Ethernet ports (IEEE 802.3)
- Hardware NAT (HNAT) engine with 1000Mbps NAT/NAPT speed
- 2.4GHz and 5.0GHz work simultaneously
- 802.11ac - up to 1200Mbps wireless
- 2x2 2.4GHz 802.11 b/g/n (300Mbps)
- 2x2 5.0GHz 802.11 ac (867Mbps)
- 5dBi external antennas
- Two FXS ports for VoIP (SIP) and T.38 Fax
- 3-way conference, call hold/forwarding/transfer/waiting
- 1 USB port for storage and printer
- Option 66, TFTP, HTTP, HTTPS and TR-069 for provisioning

Desktop PC

Game Console

Internet

Telephone

Laptop

GENERAL SPECIFICATIONS

I/O Interface
1 WAN and 4 LAN ports (Ethernet 1000 Base-T)
2 RJ11 for FXS ports
1 USB 2.0 host port
IEEE 802.11b/g/n, IEEE 802.11ac

Wireless Features
4 SSIDs per radio
AES (CCMP/TKIP)
MAC authentication
WEP authentication
WPA-PSK/WPA2-PSK
AP isolation and MBSSID AP isolation
WMM, WDS, WPS
RADIUS authentication and billing
AP and Repeater modes for 2.4GHz and 5.0GHz

Protocols
SIP V2 (RFC 3261, 3262, 3263, 3264)
Backward compatible with RFC2543
Session timer (RFC4028)
SDP (RFC2327)
RTP/RTCP (RFC823/903)
NAPTR for SIP URI lookup (RFC2915)
STUN (RFC2030)
ARP/RARP (RFC 826/903)
SNTP (RFC 2030)
DHCP/PPPoE
HTTP Server for web management
DHCP option codes for SIP (RFC3361)
DNS/DNS SRV (RFC1706 and RFC 2782)
IEEE802.1Q VLAN/802.1p and IP DSCP

Network Protocols
NAT mode and Bridge mode
DDNS support
MAC address cloning
SIP proxy redundancy
NAT Traversal by STUN
DHCP Server and Client
IP conflict detection
VLAN
Flow control
Port forwarding, DMZ host, Super DMZ
Rate limit and MAC filler per port
Broadcast storm control
Classification by physical port, IP port, 802.1p, DSCP
and TCP/UDP port
Marking by 802.1p and DSCP
IPv6 (dual stack)
MLDv1, MLDv2
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
Remote Provisioning and Firmware Upgrade
Auto provisioning with TFTP, HTTP/HTTPS
TR-069, TR-104, TR-157, TR-143
Multi-level Web management interface
IVR-driven management interface
Local and remote Syslog (RFC3164)
SNTP time synchronization
Telnet
SNMPv2
IGMPv2, IGMPv3
ACL (access control list)

SIP Features
G.711 (A-Law, u-Law) with PES2 above 4.1
G.729 with PESQ above 3.7
Adaptive jitter buffer management
Voice activity detection
Comfort noise generation
Echo cancellation
T.30 FAX with G.711
Realtime FAX over IP via T.38
Message waiting indicator (RFC3842)
3-way conference
Call hold
Call forwarding
Call transfer
Call waiting
Caller ID and CWCID
DTMF relay: inband, outband and SIP Info
QoS Layer 3
Call log
CID/CWCID
Dial plan
DTMF mode: inband, outband and SIP Info

Warranty
1 Year Limited Product Warranty