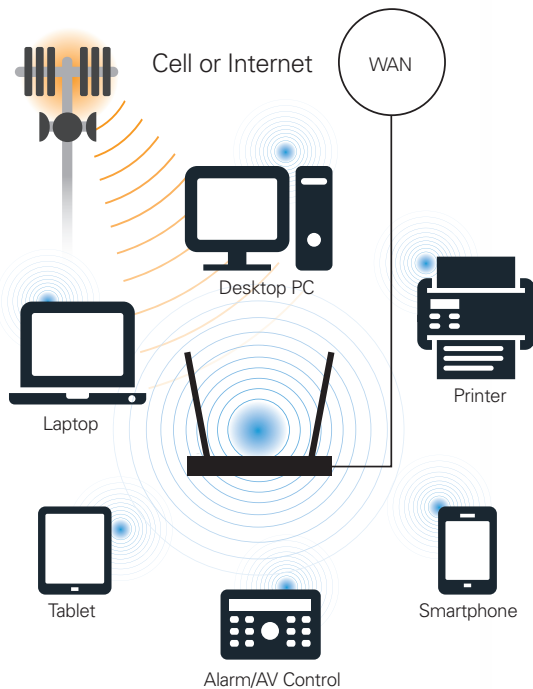


### 3G/4G-LTE 802.11n Wi-Fi Router, Automatic WAN Redundancy, Remote Management, Exceptional Performance

ReadyNet LTE500 4G-LTE Wireless N Router is a combined wired/wireless network connection device designed to be the primary Internet access for various applications, such as small business/home offices, kiosks, SDWAN gateways, IoT devices, and alarm systems – anywhere Internet access is needed.



### FEATURES

- Ethernet and WAN automatic failover
- Metal case – wall mountable
- Integrated 3G/4G modem
- Supports FDD LTE frequency bands of B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28, TDD LTE bands of B38/B39/B40/B41
- Hardware NAT, DHCP, security and layer 2 and 3 QoS
- 2X2 2.4GHz 802.11 b/g/n (300 Mbps)
- Detachable external antennas for LTE and Wi-Fi with SMA connectors
- 1 10/100M auto-negotiation RJ45 WAN port, 4 10/100M auto-negotiation RJ45 LAN ports
- Built-in firewall features, IP, MAC, URL filtering which flexibly controls online access and time

## GENERAL SPECIFICATIONS

### Chipset

MT7620A/580MHz

### Flash

16M Flash

### RAM

128M DDR2 RAM

### Power Supply

AC/DC Adapter  
AC Input: 100~240V, 50~60Hz  
DC Output: 12V, 1A

### I/O Interfaces

1 RJ-45 WAN port (Ethernet 100 Base-T)  
4 RJ-45 LAN ports (Ethernet 100 Base-T)  
4G LTE SIM Card  
1 USB port

### Environmental

Operating Temperature: -5°~45° C  
Storage Temperature: -25°~ 85° C  
Relative Humidity: 10%~90% Non-condensing

### Key Features

Supports FDD LTE frequency bands of B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28, TDD LTE bands of B38/B39/B40/B41  
Hardware NAT (HNAT) Engine with 100Mbps NAT/NAPT Speed  
2X2 2.4G 802.11 b/g/n (300 Mbps)  
External Antennas for LTE and Wi - Fi

### Protocols

RTP/RTCP (RFC823/903)  
STUN (RFC2030)  
ARP/RARP (RFC 826/903)  
SNTP (RFC 2030)  
DHCP/PPPoE  
HTTP Server for Web Management  
TFTP/HTTP for Auto Provisioning  
DNS/DNS SRV (RFC1706 and RFC 2782)  
IEEE802.1Q VLAN/802.1p and IP DSCP

### Wireless

802.11 b/g/n support  
2 - SSID  
Static WEP (64/128bit)  
Dynamic WEP (64/128bit)  
AES (CCMP/TKIP)  
MAC Certification  
WEP Certification  
WPA-PAK/WPA-PSK(2.0)  
WPA/WPA2  
AP Isolation and MBSSID AP Isolation  
WMM  
WDS  
WPS  
Station List  
MAC Filter (different from wired MAC Filter)

### Applications

LTE  
NAT Mode and Bridge Mode  
DDNS  
MAC Address Cloning  
NAT Traversal by STUN  
Built-in Wired Speed NAT Router  
DHCP Server and Client  
IP Conflict Detection  
Port Forwarding, DMZ, SuperDMZ  
VPN (PPTP,L2TP, IPSec) Passthrough  
SNTP  
IGMPv2  
Firewall (SYN Flooding, IP Spoofing, Smurf Attack, Ping of Death, DoS)

### Management

Firmware Upgrade – OTA  
Web Management Interface  
Local and Remote Syslog (RFC3164)  
SNTP Time Synchronization  
Multi-user Level  
Telnet  
System Log: Local Log and Remote Log

### Regulatory

FCC Part 15 Class B  
CE  
RoHS

### Carriers

AT&T  
Sprint  
T-Mobile  
Verizon

### Case Dimensions

(L) 141 x (W) 85 x (H) 260mm  
Black metal shell

### Warranty

1 Year Limited Product Warranty