

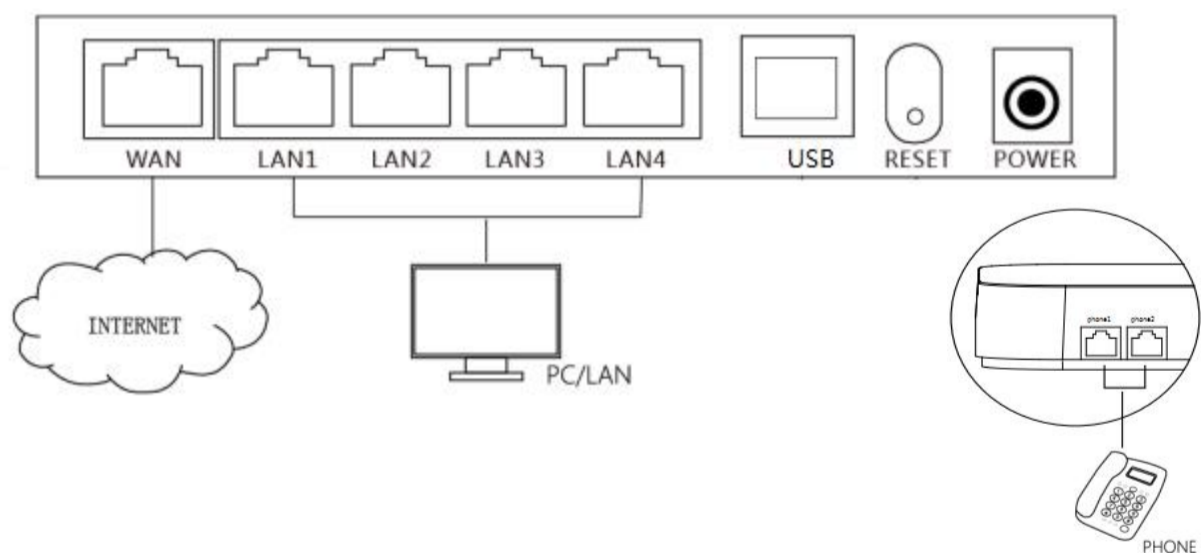
GE Router with VoIP FWR9502



Features Key

- Support QoS
- 10/100/1000Mbps Ethernet
- Support Wave2
- Support 4*4 2.4GHz&5GHz Wi-Fi
- Real-time IP fax, T.38 and T.30
- Support HNAT
- WAN PoE output (Software configurable 24/30V PoE) optional

Hardware Interface



Overview

The Flyingvoice powerful VoIP Wireless Router FWR9502, FWR9502 includes extended functions which support USB memory card and 2 FXS ports. This design not only provide users with a conventional VoIP and routing capabilities. Users can also take FWR9502 as a FTP server, to share LAN files, pictures and other resources. Meanwhile, 2 FXS ports can be well adapted to small and micro enterprises, 1FXS for telephone, 1FXS for Fax, no need to add additional equipment. FWR9502 VoIP wireless router is ideally suited for small and medium

enterprises (SMB) to build wireless office.

FWR9502 supports IEEE802.11ac gigabit wireless LAN standard, the highest wireless speed is up to 867Mbps and it supports both 2.4GHz and 5GHz bands. For VoIP end user, 5G band can make sure less interference and the transmission quality. The more, users can enjoy greater bandwidth, and enhanced data throughput.

Technical Parameters

VoIP SoC	<ul style="list-style-type: none"> CPU:MIPS Dual-core 880MHz
Flash	<ul style="list-style-type: none"> 32M Flash
RAM	<ul style="list-style-type: none"> 64M DDR2 RAM
Power	<ul style="list-style-type: none"> AC/DC Adapter AC Input: 100~240V, 50~60Hz DC Output: 12V, 2A
Max TX Power	<ul style="list-style-type: none"> 20 dBm
Operating System	<ul style="list-style-type: none"> Linux 2.6.36
I/O Interfaces	<ul style="list-style-type: none"> 1 RJ-45 for WAN Port (Ethernet 1000 Base-T) 4 RJ-45 for LAN Port (Ethernet 1000 Base-T) 2 RJ-11 for FXS Port 1 USB 3.0 Host Ports
Environmental	<ul style="list-style-type: none"> Operation Temperature: 0~50 Degree C Storage Temperature: -25~ 85 Degree C Relative Humidity: 10%~90% No Condensing
Audio Codec	<ul style="list-style-type: none"> G.711 (A/u), PESQ>4.3 G.729AB, PESQ>3.7 Adaptive Jitter Buffer Management Voice Activity Detection Comfort Noise Generation Echo Cancellation T.30 FAX with G.711 Real time FAX over IP via T.38
Applications	<ul style="list-style-type: none"> Support NAT mode and Bridge mode Support 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 802.1Q VLAN/802.1p, DSCP, Rate Limiting VPN (PPTP, L2TP, IPSec) Passthrough SNTP IGMPv2 ACL (Access Control List) Broadcast Storm Control Mac Filtering Firewall (SYN Flooding, IP Spoofing, Smurf Attack, Ping of Death, DoS) Ipv6 (Dual Stack) MLDv1, MLDv2
Key Features	<ul style="list-style-type: none"> Hardware NAT (HNAT) engine with 1000Mbps NAT/NAPT speed 4X4 802.11n 2.4G 4X4 802.11ac MU-MIMO (Wave2)

Protocols	<ul style="list-style-type: none"> • SIP V2.0 (RFC 3261, 3262, 3263, 3264) • 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 • TFTP/HTTP for Auto Provisioning • Message Waiting Indicator (RFC3842) • DHCP Option Codes for SIP (RFC3361) • DNS/DNS SRV (RFC1706 and RFC 2782) • IEEE802.1Q VLAN/802.1p and IP DSCP • IEEE 802.11a/b/g/n/ and 802.11ac Wave 2
Management	<ul style="list-style-type: none"> • Firmware Upgrade • Web Management Interface • IVR-driven Management Interface • Local and Remote Syslog (RFC3164) • Auto Provisioning • SNTP Time Synchronization • Multi User Level • SNMP v2 • Telnet • TR069 • System Log: local log and remote log
Wireless	<ul style="list-style-type: none"> • 4 SSID Per Radio • Static WEP(64/128bit) • Dynamic WEP(64/128bit) • AES(CCMP/TKIP) • VMAC certification • WEP certification • WPA-PSK/WPA-PSK2 • WPA/WPA2 • AP Isolation and MBSSID AP Isolation • WMM • VWDS • WPS • Wireless MAC Filter
Call Features	<ul style="list-style-type: none"> • 3-way conference • Call hold • Call forwarding • Call Transfer • Call waiting • Caller ID and CWCID • DTMF Relay: In-band, Out-band and SIP INFO • QoS Layer 3

- Call Log
- CID/CWCID
- Dial Plan
- DTMF Mode: Inband, outband and SIP Info

Call Features Applications

- FCC Part 15 Class B approval
- CE certification
- UL approval
- RoHS compliance

Place Order

Product Number	Description
FWR9500	1 WAN (GE) +4 LAN (GE) +1 USB+2. 4G (300M) +5G (867M)
FWR9502	1 WAN (GE) +4 LAN (GE) +2 FXS+1 USB+2. 4G (300M) +5G (867M)