ZyXEL WIRELESS GIGABIT ETHERNET GATEWAYS

ZyXEL

▶ *The latest in complete, easy-to-manage FTTx solutions for ultimate wireless performance, connectivity and reliability in the home.*

ZyXEL Ethernet Gateway Router Models	EMG2926	EMG2306
Product Application Diagram	http://zyxel.us/emg2926app	http://zyxel.us/emg2306app
Product Data Sheet	http://zyxel.us/emg2926ds	http://zyxel.us/emg2306ds
Contact Us	1-800-WALKER1 | walkerfirst.com	

EMG2926

▶ **FEATURES**
- 802.11ac with 450 Mbps for 2.4GHz and 1300 Mbps for 5GHz
- True dual networks for optimized HD media experiences on wireless devices
- Dedicated smart Quality of Service (QoS) for lag-free video streaming, VoIP and online gaming
- Remote management through TR-069

▶ **BENEFITS**
- Seamless multimedia experience using the latest 802.11ac wireless technology
- Automatic bandwidth allocation for optimized performance on wireless devices
- Easier monitoring and reduced deployment complexity, operational and maintenance costs with TR-069
- Interoperability with a FTTx or cable infrastructure for flexible deployment options
- Enhanced wireless coverage for the entire home

▶ **HARDWARE SPECIFICATIONS**
- 11ac 1750Mbps Wi-Fi
- 1 x Gigabit Ethernet WAN
- 4 x Gigabit LAN ports
- 2 x USB Host

EMG2306

▶ **FEATURES**
- 802.11n with data transfer rates of up to 300 Mbps
- Gigabit Ethernet ports for extreme performance
- 802.1q and port-based VLAN and DHCP Options for Triple-Play service
- Remote management through TR-069

▶ **BENEFITS**
- Fast 11n speeds to better handle internet applications
- Easier monitoring and reduced deployment complexity, operational and maintenance costs with TR-069
- Interoperability with a FTTx or cable infrastructure for flexible deployment options
- Enhanced wireless coverage for the entire home

▶ **HARDWARE SPECIFICATIONS**
- 11n 300Mbps Wi-Fi
- 1 x Gigabit Ethernet WAN
- 4 x Gigabit LAN ports

Value Proposition - Worry-free Investment	
No delay on product availability	Overseas production and long product lead-times can delay availability. ZyXEL works with inventory-stocking distributors and local sales support to have product when you need it.
Keep costs within your budget	ZyXEL competitively prices Gigabit Ethernet routers to fit most customers' financial infrastructures. Excellent product quality also keeps overall operator costs low by eliminating the need for truck rolls to swap out non-performing units.
Hassle-free testing and set-up	Deployment and network configuration can be challenging. ZyXEL includes free technical engineering support during the entire product evaluation process.
After-sales support	With many vendors and Gigabit Ethernet routers within your network, numerous technical issues can arise. ZyXEL's Broadband Systems Engineers help operators identify issues and provide quick resolutions when the Gigabit Ethernet router is involved. There are no annual maintenance contract fees; support is always complimentary for the life of the product.

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ZyXEL WIRELESS GIGABIT ETHERNET GATEWAYS

▸ **TARGET MARKETS**
- DSL Service Providers, FTTx, Cable MSOs

▸ **TYPICAL DECISION MAKERS/INFLUENCERS**
- Chief Technology Officer
- VP Engineering
- Network Engineers
- Purchasing Agents
- Installers
- Telco Consultants
- Plant Managers

▸ **TARGET APPLICATIONS**
- FTTx with Ethernet router home applications
- FTTx or cable infrastructures requiring interoperability for Triple-Play service delivery to home networks

▸ **THINGS YOU SHOULD KNOW**
- ZyXEL offers a wide selection of Gigabit Ethernet routers to fit a variety of service provider needs
- Remote management with TR-069, HTTP/HTTPS, Telnet, and SNMP

▸ **ZyXEL ADVANTAGE**
- Technology industry leader
- Over 25 years of telecommunications experience
- Extensive portfolio of end-to-end networking products
- Free product evaluations and trial program
- Live technical and engineering support

WIRELESS FEATURE COMPARISON

	EMG2926	EMG2306
Wireless Standard	802.11ac	802.11n
Frequency Band	Dual Band (2.4, 5 GHz)	Single Band (2.4 GHz)
Maximum Link Speed	1750 Mbps	300 Mbps
Ideal Uses	Bandwidth-intensive applications including: media streaming, online gaming, large file transfers	Great for Wi-Fi in homes or small offices with 1 to 5 users sharing Internet access and basic networking applications
Benefits	Gigabit speeds, higher bandwidth capacity, dual-band operation with smart QoS optimizes bandwidth for different applications	Perfect for most Wi-Fi applications including simple Internet browsing, email messaging and social networking

Video Messaging

Online Gaming

HD Video Streaming

Social Networking

Simple Internet Browsing

Email Messaging

5 GHz   **2.4 GHz**

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