

ZyXEL



Portable 3G and 11n compatible wireless router for always-on Internet access designed for today's fast-paced business traveler

- **Flexible - Dual Ethernet and dual USB ports support fixed or mobile broadband connection and with fail-over protection**
- **Use anywhere - USB ports can connect to 3G adapters**
- **Use Anytime - Optional battery allows for up to 2 hours operation or 4 hours standby¹**
- **Blazing Fast Wireless - 802.11n wireless for data rates up to 150Mbps. Backwards compatible with 11b/g**
- **Security via SPI firewall/DoS prevention and content filtering**
- **Small footprint makes it ideal for travel**
- **Data usage system sends alert via email when usage is approaching allowance**

Benefits

Portable Wi-Fi Router with Non-Stop Internet Connectivity

ZyXEL's MWR222 is a rugged, carrier-independent, battery-powered, portable Wireless N router designed for business travelers. It features dual USB and dual Ethernet ports to support fixed (ADSL/Cable) and mobile broadband (3G)² access, with fail-over protection in between wired and wireless WAN to ensure a true always-on broadband connection. Users can build an instant Wi-Fi hotspot to enjoy and share broadband with an unlimited number of business associates whenever and wherever it's needed. Most importantly, with its built-in rechargeable battery, MWR222 can operate without an external power source, such as during power outage, or on the road, for more than two hours³.

11n Compatible Wi-Fi Performance with Dual Fast Ethernet & Enterprise Security

With compatible 2.4GHz wireless N technology, MWR222 can deliver wireless connection rates up to 150 Mbps⁴ and is compatible with numerous 11n certified adapter. Unlike similar mobile Wi-Fi products, the MWR222 can allow 10 or more computers to share its Internet connection, ideal for multiple business travelers requiring connectivity without suffering multiple Internet access charges from hotels, etc. And the MWR222 provides Enterprise-grade security including SPI firewall, DoS prevention, OpenDNS' powerful antiPhishing, anti-spam, and dynamic content filtering functions.

Mobile Broadband Access Anywhere

The dual USB design allows the MWR to deliver more than just Internet sharing, and the flexibility to cover more state-of-the-art new applications. Its USB port can be configured as a Mobile Broadband WAN interface by connecting 3G modem (EVDO/HSPA), so you can enjoy mobile broadband access everywhere, unleashed from wired lines in a single fixed location. And a data usage system sends an alert to the user via email when usage is approaching the allowance.



Mobile Wireless Router

MWR222



Specifications

Hardware Interfaces

- 2x Fast Ethernet RJ-45 connectors for WAN/LAN or Dual LAN
- 2x USB2.0 type A ports
- LED indicator
 - System, Battery, WLAN, WPS, LAN1, LAN2, USB1, USB2
- Reset Button
- WPS Button
- WLAN On/off Button
- Power On/off Button

Wi-Fi Capability

- 802.11b/g auto rate up to 54Mbps
- 802.11n compatible auto rate up to 150Mbps(disclaimer)
- Wireless Security: 64/128 bit WEP, WPA/WPA2-PSK
- Wi-Fi Protected Setup (WPS)
- 802.11e/Wi-Fi Multimedia (WMM)
- Channel Width Selection (20/40MHz/Mixed)
- Wireless Scheduling
- Disable Wireless SSID Broadcast
- Wireless Mac Address Filtering

USB Connectivity

- Compatible 3G Broadband USB adapter

WAN/LAN Configuration

- Ethernet WAN (DSL/Cable) or USB WAN (3G)
- Dual WAN fail-over (Ethernet-USB)
- Configurable to dual LAN while USB WAN enabled
 - Routing and IP management
- PPPoE/PPTP/L2TP
- DHCP Client/Server
- Static Route
- IGMP Multicast v1/v2
- Static IP Assignment
- IP Alias
- DDNS

Internet Security

- SPI Firewall & DoS Prevention
- Configurable Firewall Rules based on IP & MAC address, port number, and protocols
- Multi-session VPN (IPSec/L2TP/PPTP) pass-through
- SIP Pass-through
- Default Server IP/Virtual DMZ
- Optional OpenDNS Service Subscription
 - Anti-spamming
 - Anti-phishing
 - Cloud-based Content Filtering

Management

- Web Management
- Multiple Operation Modes
 - Router Mode
 - Access Point Mode
 - WISP mode (using WLAN as WAN)
- SNMP Remote Management
- Alert Management
- Firmware Upgrade
- Configuration Backup and Restore
- UPnP

3G Data Usage Management

- Data Usage Monitoring
- User-define Maximum Monthly Data Allowance
- E-mail Alert while exceeding maximum data allowance

Bandwidth Management

- Able to set priority on specific applications include VoIP, game consoles, online game zones and, etc.
- Configurable bandwidth by specific port on specific IP address
- Configurable reserved bandwidth for LAN/LAN,

LAN/WLAN or LAN/WAN traffic.

Power Design

- External Power Adapter
 - 5V/2A output
 - Certified by Energy Star (Level V)
- Built-in Battery Equipped
 - Changeable and rechargeable
 - Lithium-ion type
 - 3000mAh Capacity

System Requirements

- DSL/Cable Broadband service or activated Mobile Broadband Service with compatible mobile adapter
- 2.4GHz Wi-Fi adapter or Ethernet adapter properly installed with your computer
- Microsoft Windows 7, Vista, XP, 2000 and other OS running TCP/IP Protocol Stacks over your PCs
- Internet Explorer 6.0, Firefox 2.0 or above installed in your PCs
- Complies with standard USB power rating at 5VDC 500 mA

Environmental Specification

- Temperature:
 - Storage: -22~158°F (-30 ~ 70°C)
 - Operating: 32~104°F (0~45°C)
- Humidity (Non-condensing):
 - Storage: 20 ~ 90%
 - Operating: 20 ~ 90%

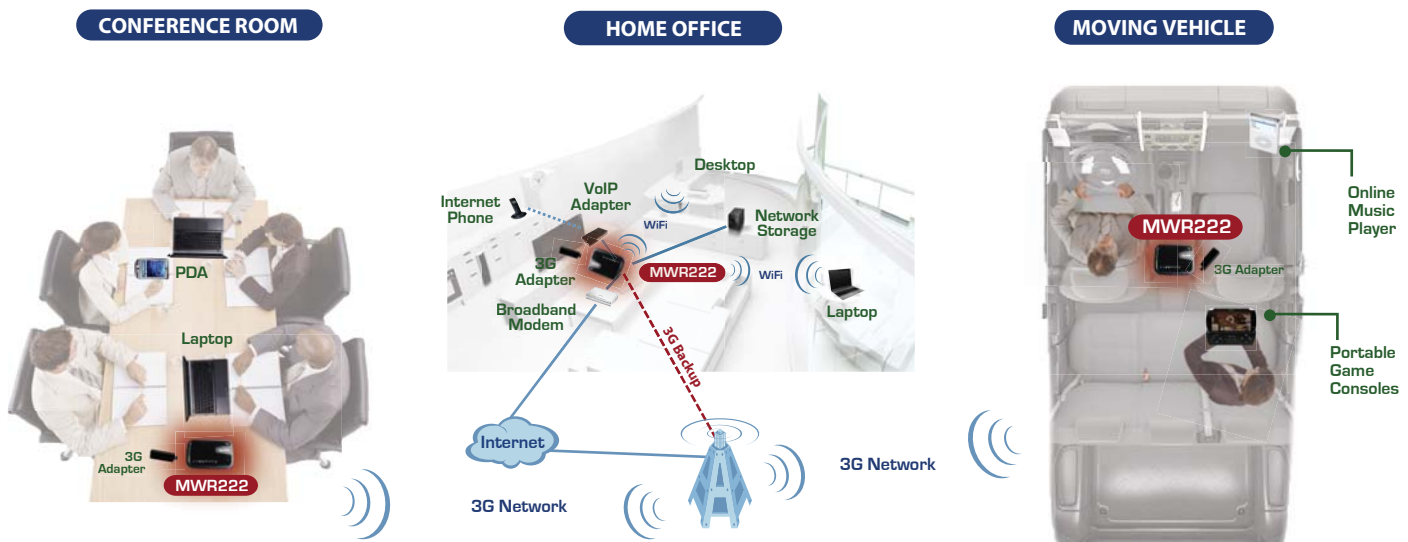
Dimension & Weight

- Device Dimension (Length x Width x height):
 - 4.11 inch x 3.1 inch x 1.02 inch
- Device Weight:
 - Estimated 5.33oz (152g)

1.The operation and standby time may vary by mobile broadband adapter used, mobile signal strength, and Internet and local data traffic generated
 2.The support list of 3G mobile broadband device is limited to those mobile adapters/phones whose compatibility with MWR is verified by ZyXEL
 3.The operation and standby times may vary by mobile adapter used, mobile signal strength, and Internet and LAN/Wi-Fi traffic generated
 4.The theoretical maximum data transfer rate is 150Mbps. The actual data transfer rate may vary depending on the network environment.

Please reference manufacturer's website at <http://us.zyxel.com/mwr>

Application diagram



For more product information, visit us on the web www.us.ZyXEL.com

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