

MBR1000 Mobile Broadband Router



Product Preview

Reliability and Speed

The CradlePoint MBR1000 Mobile Broadband Router uses the latest available 802.11 'n' technology to provide better WLAN speed and greater distance than any other cellular router. It delivers 10 times the speed and 4 times the distance of standard b/g routers. Plus, the MBR1000 is designed from the ground-up to be mated with USB and ExpressCard cellular modems, insuring the best possible cellular sensitivity for your remote network.

Solution for the Enterprise

The MBR1000 provides key capabilities for the serious enterprise – 4 LAN ports plus 1 WAN port for full 10/100 Ethernet networking, multiple and concurrent VPN pass through, and encryption including WPA2 Personal or Enterprise. Additionally, its built-in failover capability allows you to set up an automatic wireless backup for your wired network—eliminating any business interruption during planned or unplanned network down time.

Functionality and Convenience

CradlePoint's built-in Setup Wizard provides diskless set up of security parameters – getting you up and running quickly regardless of which OS you run in your network. For placement convenience, the MBR1000 also offers 'signal strength mode', which temporarily changes the front LED panel into a strength meter to help determine coverage so you can place your unit in the best cellular coverage location.

Features

- Fully compliant 802.11b/g/n router
- Latest wireless 'n' technology for 10x speed and 4x distance of 802.11g
- Supports cellular USB and ExpressCard modems for connectivity anywhere in cellular broadband coverage
- Also supports select handsets via USB
- 10/100 Ethernet ports for LAN (4) and WAN (1)
- Failover capable – use 3G connection to back up wired connection automatically
- WPS for one-touch WPA security setup
- Cellular signal strength indication on front panel LEDs assists in placement for best cellular coverage
- Powered by WiPipe™ technology



Functional Details

- Wireless networking compliant with IEEE 802.11 b/g/n standards
- 2.412 to 2.484 GHz frequency band operation
- Compliant with IEEE 802.3 and 3u standards
- Supports OFDM and CCK modulation
- Supports Cable/DSL modems with dynamic IP, static IP, PPPoE, PPTP, L2TP, or BigPond connection types
- Support for USB-type and ExpressCard-type 3G modems for major cellular networks
- Firewall features Network Address Translation (NAT), and Stateful Packet Inspection (SPI) protects against DoS attacks
- Traffic Control with Virtual Server (max 64 configurable servers) and DMZ
- Access Control to prevent unauthorized usage available in encrypted and open modes
- UPnP (Universal Plug & Play) and ALGs support for Internet applications such as Email, FTP, Gaming, Remote Desktop, Net Meeting, Telnet, and more
- Provides additional security of Enable/Disable SSID, Internet Access Control (Services, URL and MAC Filtering)
- Supports multiple and concurrent IPSec, L2TP and PPTP VPN pass-through sessions
- Support WDS
- Flash memory for firmware upgrade, save/restore settings
- Easy management via Web browser (HTTP) and remote management
- Supports 64/128-bit WEP (11b/g), WPA/WPA2, and WPA-PSK/WPA2-PSK
- External antennas (3) to support high speed performance, improved coverage
- Compliant with Windows 98SE/NT/2000/XP/2003 Server, Linux and Mac OS

Specifications

Model #:	MBR1000 Mobile Broadband Router		
WiFi Standards:	IEEE 802.11 b/g/n		
Network Connections:	Four LAN, one WAN (Ethernet); Two USB and one ExpressCard slot (cellular)		
Buttons / Switches:	On/Off switch; WPS button (security), SGNL button (signal strength display mode), Reset button		
LED Indicators:	Power	WLAN active	LAN (x4)
	WAN1 (wired network)	WAN2 (cellular network)	
	WPS (WPA Protected Setup)	SGNL (Signal Strength Mode)	
Dimensions:	7" x 4.8" x 1.2" (180 mm x 122 mm x 30.25 mm)		
Certifications:	FCC		



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