



MAX BR1

Embedded 4G LTE Automatic Failover Router

Automatic Failover 4G LTE Mobile Router

The MAX BR1 offers redundant SIM slots with automatic switching, DC or terminal block power capability, advanced GPS fleet tracking, and remote management, all packed into a durable metal enclosure. It is also Verizon XLTE certified.

Redundant SIM Slots for Multiple Carriers

Redundant SIM slots with automatic switching for reliable network. You can also set the MAX BR1 mobile router to automatically switch SIM cards when you're in danger of exceeding a data cap. It also allows you travel across borders without changing SIM cards manually.

SpeedFusion Hot Failover

In case of a WAN failure, SpeedFusion technology powers the MAX BR1 for instant failover.

Customisable Captive Portal

Branding your captive portal is as easy as uploading your logo and terms and conditions. You can easily set bandwidth allowance and access duration per user or manage access using RADIUS server. With Social Wi-Fi Hotspot support, you can also receive valuable demographic data from your users.

Fleet Tracking and Management

With built-in GPS fleet tracking and InControl 2 cloud-based management, you can keep tabs on location and manage your mobile network from any Internet-connected device.

Certified for Tough & Train Deployment

In addition to rugged metal enclosure, the MAX BR1 mobile router is certifications for:
Shock and vibration resistance (EN 61373:1999, IEC 61373:1999),
Railway applications (EN 50155),
Electromagnetic Compatibility (EN 61000).

Terminal Block for Secure Power Supply

The MAX BR1 is equipped with a terminal block for secure power installation in vehicles and other locations.

Reliable Replacement for Expensive Landline

Got expensive landline connections? Deploy the MAX BR1 and take advantage of high-speed LTE to save time and cut costs.



SPECIFICATIONS

PRODUCT DETAILS

- Model: MAX BR1
- Product Code: MAX-BR1-LTE-E-T
- Software: Pepwave MAX Firmware
- Ethernet WAN Port: 1 (FE)
- Ethernet LAN Ports: 2 (FE)
- Embedded 4G LTE / 3G: 1
- SIM Card Size: Mini-SIM (2FF)
- Redundant SIM Slots
- Wi-Fi WAN¹
- Wi-Fi AP²
- Wi-Fi Standard: 802.11b/g/n 150Mbps
- Transmit Power (2.4GHz): 25dBm
- Recommended Users³: 1-60
- Router Throughput³: 100Mbps

CORE FUNCTIONALITY

- IP Passthrough
- WAN as LAN
- Web Blocking
- Web Filtering Blacklist: Lite

VPN FUNCTIONALITY

- PepVPN/SpeedFusion Hot Failover
- Number of PepVPN SpeedFusion Peers: 2
- PepVPN/SpeedFusion Throughput: 40Mbps (No Encryption)
- PepVPN/SpeedFusion Throughput: 20Mbps (256-bit AES)

WAN

- Support for PPPoE, Static IP, DHCP
- WAN Link Health Check
- Bandwidth Allowance Monitor
- Support for Dynamic DNS services
- WAN Port Convertible into LAN Port

LAN

- DHCP Server for LAN Clients
- Extended DHCP Option
- DHCP Reservation
- DNS Proxy for LAN Clients
- VLAN on LAN Support

ADVANCED QOS

- Individual Bandwidth Limit
- Application Prioritisation
 - SIP, HTTPS, VPN QoS
 - Custom Application QoS

CENTRAL MANAGEMENT

- InControl2 Cloud Management
- GPS Fleet Management

NETWORKING

- NAT and IP Forwarding
- Static Routes
- Port Forwarding
- Many to One, One to One NAT
- NAT Pool
- SIP ALG, H.323 ALG
- UPnP, NAT-PMP

CAPTIVE PORTAL

- Support for Wired & Wireless LAN clients
- Support RADIUS Authentication
- Time & Usage Quotas on Open Access Mode
- Built-in Customisable Splash Page

GLOBAL POSITIONING SYSTEM

- Integrated GPS
- Device Location Map
- Location Tracking Data with InControl2
- Fleet Management with InControl2

DEVICE MANAGEMENT

- Web Administrative Interface
- Command Line Interface
- InControl Cloud Management
- Email Notification
- Active Client and Session Lists
- Bandwidth Usage Statistics
- Syslog Service
- SNMP v1, v2c and v3

HARDWARE FEATURES

- Enclosure: Compact, Indoor Metal
- Terminal Block Power Connector for Mobile/Vehicular Deployment
- Dimensions: 1.6(H) x 5.8(W) x 5.0(D) inches
- Weight: 435 grams

OPERATIONS

- AC Adapter: AC Input 100V-240V
DC Output 12V, 2A
- Power Input: DC 10V-30V 2A
- Terminal Block: DC 10V-30V 2A
- Power Consumption: Max.: 16W, Min.: 8W
Typical: 11W,
- Operating Temperature: -40° - 65°C
- Humidity: 15% - 95% (non-condensing)

SECURITY

- Stateful Firewall
- DoS Prevention
- Web Blocking

PACKAGE CONTENT

- MAX BR1
- 12V2A Power Supply
- 1x 5dBi Wi-Fi Antenna
- 1x GPS Antenna
- 2x 2dBi 4G LTE Antennas (4G LTE)
- 1x 3dBi 3G Magnetic Antenna (3G)

CERTIFICATIONS

- FCC, CE, RoHS
- Carrier: Verizon, Sprint
- Motor Vehicle: E-Mark
- Rolling Stock:
EN 61373:1999 IEC 61373:1999 Shock and Vibration Resistance,
EN 50155 Railway Applications - Electronic Equipment used on Rolling Stock,
EN 61000 Electromagnetic Compatibility

WARRANTY

- 1-Year Limited Warranty

ORDERING INFORMATION

- Product Code: MAX-BR1-LTE-E-T
- 4G Bands/Frequencies (MHz):
4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800,
- 3G Bands/Frequencies (MHz):
WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900

MAX BR1 - FEATURE ADD-ON

- MAX-BR1-ADV - Advanced Feature Pack
 - Package includes a software license key for Advanced Car-Fi Roaming; and SpeedFusion and IPsec X.509 Certificate Support

¹ The frequency range for 802.11b/g/n Wi-Fi is 2412-2472 MHz.

² Recommendation for sizing purposes only. No software restrictions applied.

³ Router Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments.

Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.