

MAX BR1 cellular router

Industrial-Grade 4G LTE/3G Router

PEPWAVE
Broadband Possibilities

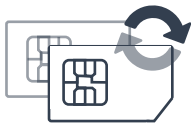


Automatic Failover 4G LTE Router.

The 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.

Works With

verizon **Sprint** **at&t** **T-Mobile**
And worldwide 4G LTE/3G carriers



Redundant SIM Slots for Multiple Carriers.

Redundant SIM slots with automatic switching for reliable network. You can set the BR1 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.



Fleet Tracking and Management

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



Customize Captive Portal

Branding your captive portal is as easy as uploading your logo and terms & conditions. You can easily set bandwidth allowance and access duration per user or manage access using RADIUS.



SpeedFusion Hot Failover

SpeedFusion technology powers MAX BR1 for seamless failover.



Terminal Block for Secure Power Supply

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

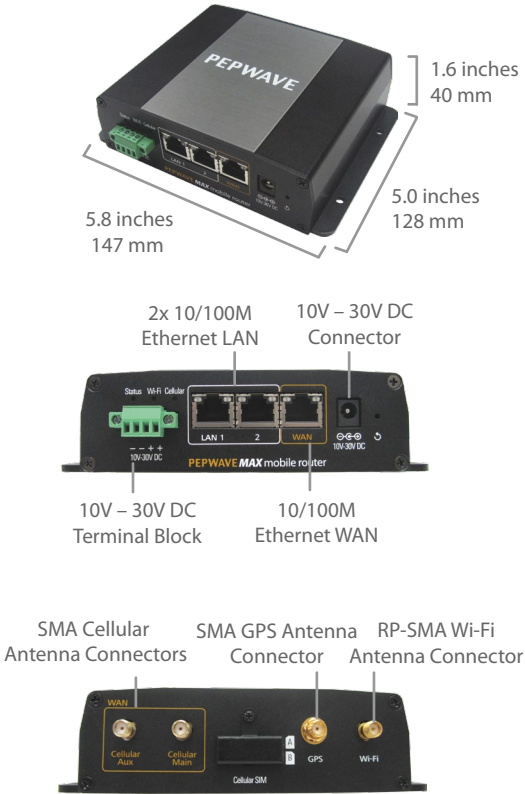


Certified Toughness

In addition to rugged metal enclosure, BR1 has certifications on:
Shock and vibration resistance (EN 61373:1999, IEC 61373:1999)
Railway applications (EN 50155)
Electromagnetic Compatibility (EN 61000)

Specifications

	MAX BR1
WAN Interface	1x FE Embedded LTE/3G Modem with Redundant SIM Slot
LAN Interface	2x FE
Wi-Fi Interface	802.11b/g/n 300 Mbps Wi-Fi WAN and/or AP
Router Throughput	100Mbps
Recommended Users	1-60
Cellular and GPS Antenna Connector	2x SMA Antenna Connectors 1x SMA GPS Antenna Connector 1x Wi-Fi Connector
Power Input	DC Jack/Terminal Block: 12V – 48V DC
Power Consumption	16W (max.)
Dimensions	5.8 x 5.0 x 1.6 inches 147 x 128 x 40 mm
Weight	0.96 pound 435 grams
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS, E-Mark RF Port Lightning Immunity: ITU-T K.20 (+/- 1.5 kV) EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance EN 50155: Railway Applications EN 61000: Electromagnetic Compatibility
Warranty	1-Year Limited Warranty



Ordering Information

	Product Code	Carrier/Region	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
4G LTE	MAX-BR1-LTE-US-T	Verizon/Sprint AT&T/T-Mobile	1	4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700, B25/1900	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B4/AWS, B5/850, B8/900 EV-DO Rev.A: BC0/800, BC1/1900, BC10/800
	MAX-BR1-LTE-E-T	Europe/International	1	4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
	MAX-BR1-LTE-TD-T	China	1	TDD LTE: B38/2600, B39/1900, B40/2300, B41/2500 FDD LTE: B1/2100, B3/1800	TD-SCDMA: B34/2000, B39/1900 UMTS: Band 1/2100 EVDO/CDMA: BC0/800
	MAX-BR1-LTE-SC-T	Scandinavia	1	FDD LTE: B3/1800, B7/2600, B20/800, B31/450	-

Add-on Feature

Product Code	Product Name	Description
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

Features

- 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 Options
 - DHCP Reservation
 - DNS Proxy for LAN Clients
 - VLAN on LAN Support
 - Per-Port VLAN Support

- Security**

 - Stateful Firewall
 - DoS Prevention
 - Web Blocking
 - Wef Filtering Blacklist
- Load Balancing**

 - Intelligent Failover
 - Session Persistence
 - Per-Service Load Distribution
 - Multiple Algorithms
- Advanced QoS**

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

- Complete VPN Solution**

 - PepVPN/SpeedFusion Hot Failover
 - Site-to-Site VPN
 - Hot Failover
 - 256-bit AES Encryption
 - Pre-shared Key Authentication
 - Dynamic Routing
 - X.509 Certificate Support*
 - IPsec VPN (Network-to-Network)
 - X.509 Certificate Support*
- 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**

 - Support for Wired and Wireless LAN Clients
 - Support for RADIUS Authentication
 - Time and Usage Quotas on Open Access Mode
 - Built-in Customizable Splash Page
- Global Positioning System**

 - Integrated GPS
 - Device Location Map
 - Location Tracking Data with InControl 2
 - Fleet Management with InControl 2

*Available as optional feature.