

# MAX BR1 ENT

## Enterprise Grade Router with LTE Failover

**PEPWAVE**  
Broadband Possibilities



### LTE Highspeed Broadband Router

The BR1 ENT delivers blazing 200Mbps router throughput with automatic failover to LTE and comes without Wi-Fi, making it an ideal choice for deployments that demand high performance, and outstanding reliability. It is also Verizon XLTE certified.

Works With

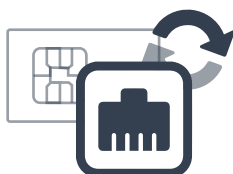
verizon

Sprint

at&t

T-Mobile

And worldwide 4G LTE/3G carriers



### Highspeed Broadband with LTE backup

Stay online when connections fail with instant automatic failover. Connect a high-speed primary line and a backup LTE connection, and the BR1 ENT will seamlessly switch between wired and cellular links as needed to keep your connection stable and fast.

SpeedFusion<sup>™</sup>  
Bonding Technology



### SpeedFusion Hot Failover.

MAX BR automatically re-establishes your IPsec VPN connection on lower priority link when your primary WAN fails. Your VPN stays up, and you stay seamlessly connected.



### Meet Strict Security Compliance

Got a strict no-Wi-Fi security policy? Configured without Wi-Fi, the BR1 ENT is a great choice for deployments with compliance requirements.

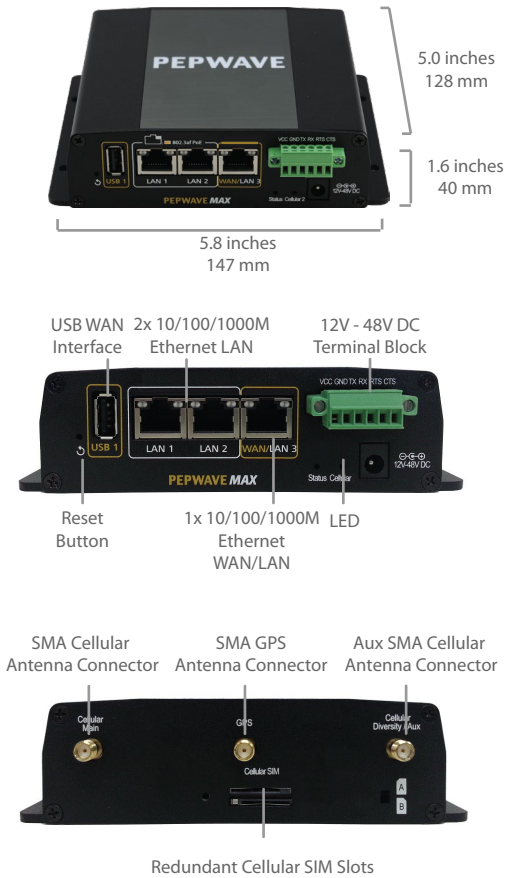


### Certified for Tough Deployment

In addition to rugged metal enclosure, BR1 ENT has certifications on:  
Shock and vibration resistance (EN 61373:1999 IEC 61373:1999)  
RF Port Lightning Immunity (ITU-T K.20 (+/- 1.5 kV))  
Railway Applications (EN 50155)  
Electromagnetic Compatibility (EN 61000)

# Specifications

MAX BR1 ENT	
WAN Interface	1x USB Interface 1x GE Embedded LTE Modem with Redundant SIM Slots
LAN Interface	2x GE
Router Throughput	200Mbps
Recommended Users	25-150
Cellular and GPS Antenna Connector	2x SMA Antenna Connectors 1x SMA GPS Antenna Connector (2x 2dBi Indoor 4G LTE Antennas Included)
Power Input	DC Jack/Terminal Block: 12V – 48V DC
Power Consumption	12W (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



# Product Ordering Information

	Product Code	Carrier	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
4G LTE	MAX-BR1-ENT-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-ENT-LTE-E-T	4G LTE/HSPA+	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-ENT-LTE-SC-T	Scandinavia	1	FDD LTE: B3/1800, B7/2600, B20/800, B31/450	-

# 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
  - Web Filtering Blacklist

- Complete VPN Solution**
  - PepVPN / SpeedFusion Hot Failover
  - Site-to-Site VPN
  - Hot Failover
  - 256-bit AES Encryption
  - Pre-shared Key Authentication
  - Dynamic Routing
  - IPsec VPN (Network-to-Network)
- 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

- Advanced QoS**
  - User Groups
  - Individual Bandwidth Limit
  - Application Prioritization
  - SIP, HTTPS, VPN QoS
  - Custom Application QoS
- Device Management**
  - Web Administrative Interface
  - Command Line Interface
  - InControl 2 Cloud Management
  - Router Utility Mobile App
  - Email Notification
  - Active Client & Session Lists
  - Bandwidth Usage Statistics
  - Web Reporting Services
  - Syslog Service
  - SNMP v1, v2c and v3

- Global Positioning System**
  - Integrated GPS
  - Device Location Map
  - Location Tracking Data
  - Fleet Management with InControl 2
- Package Content**
  - MAX BR1 ENT
  - 12V2A Power Supply
  - 1x GPS Antenna
  - 2x 2dBi 4G LTE Antennas

^ Feature is available as an upgrade