

MAX BR1 ENT

Enterprise Grade Router with LTE Failover



wi link

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

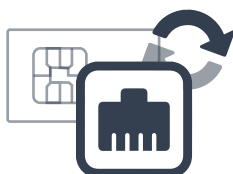
verizon

Sprint



T-Mobile

And worldwide 4G LTE/3G carriers



SpeedFusion[™]
Bonding Technology



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 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.

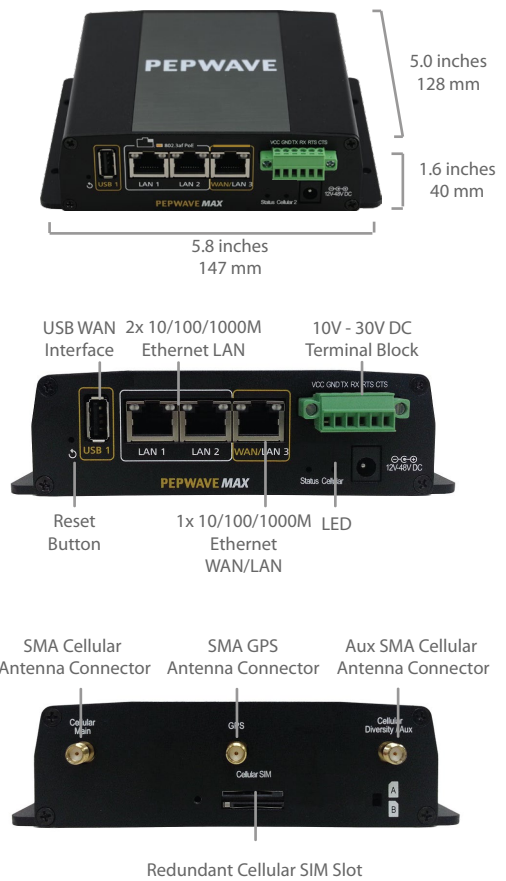


Certified for Tough Deployment

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 Slot
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)
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