

MAX BR1 ENT

Enterprise Grade Router with LTE Failover



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.

Works With*

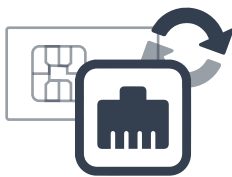
verizon

Sprint

at&t

T-Mobile

*Selected models



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[™]
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.

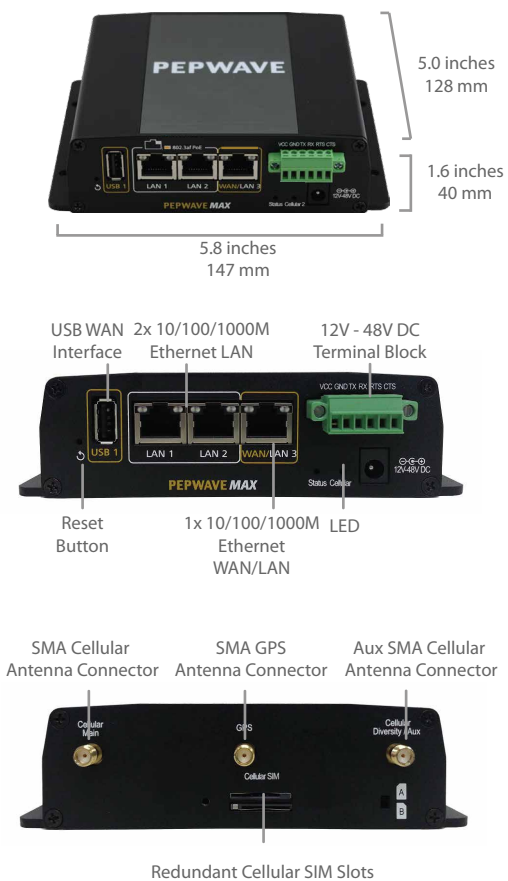


Certified for Tough Deployment

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 1x 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 |



Ordering Information

| | Product Code | Carrier/Region | Embedded Modems | Cellular Standard | 4G Bands/Frequencies (MHz) | 3G Bands/Frequencies (MHz) |
|-------|----------------------|------------------------------|-----------------|-------------------|---|---|
| LTE-A | MAX-BR1-ENT-LTEA-W-T | Worldwide [^] | 1 | LTE Advanced | B1/2100, B2/1900, B3/1800, B4/AWS, B5/850, B7/2600, B8/900GSM, B12/700a, B13/700c, B20/800DD, B25/1900+, B26/850+, B29/700d, B30/2300WCS, B41/TD2500 | WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B3/1800, B4/AWS, B5/850, B8/900 |
| | MAX-BR1-ENT-LTEA-P-T | Asia-Pacific | 1 | LTE Advanced | B1/2100, B3/1800, B5/850, B7/2600, B8/900, B18/800 Lower, B19/800 Upper, B21/1500 Upper, B28/700 APT, B38/TD 2600, B39/TD 1900+, B40/TD 2300, B41/TD 2500 | WCDMA/HSPA+/DC-HSPA+: B1/2100, B5/850, B8/900, B9/1800, B19/800 Upper UMTS: B6/800 TD-SCDMA: B39/1900 |
| LTE | MAX-BR1-ENT-LTE-US-T | Verizon/Sprint/AT&T/T-Mobile | 1 | LTE | B2/1900, B4/AWS, 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 | Europe/International | 1 | 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 |

[^]Pending certification by Verizon and Sprint in the US

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