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 XLTE 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™
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

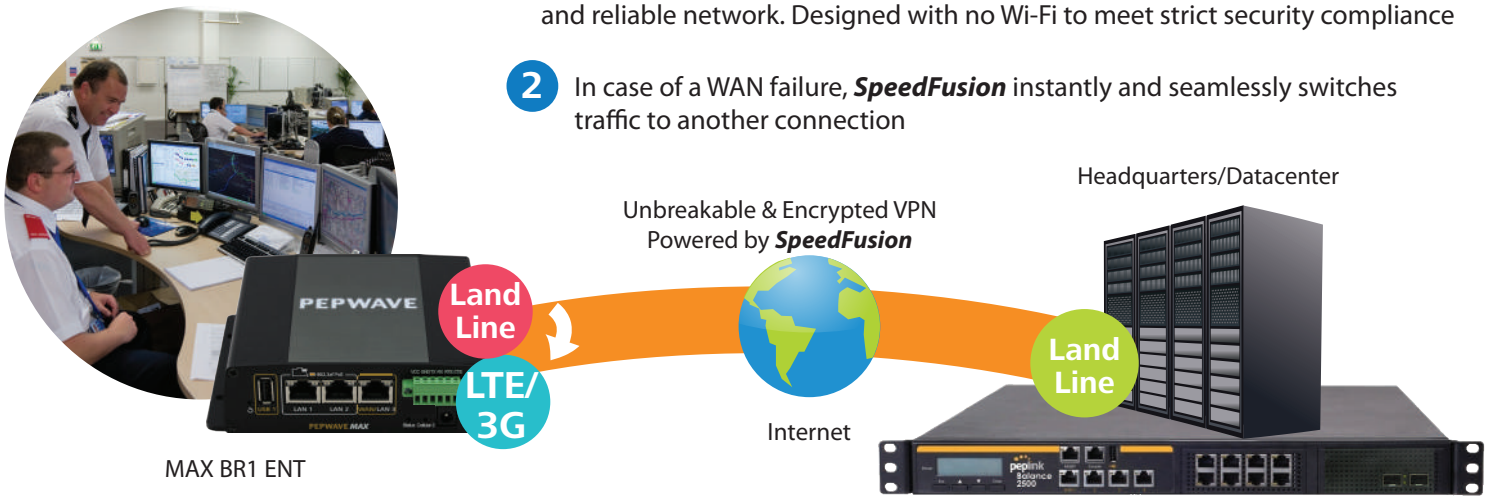
In addition to rugged metal enclosure, BR1 ENT has certifications on:
Shock and vibration resistance (EN 61373:1999 IEC 61373:1999)
RF Port Lightning Immunity (ITU-T K.20 (+/- 1.5 kV))
Railway Applications (EN 50155)
Electromagnetic Compatibility (EN 61000)

Applications

Government/Military – Uninterrupted Communication and Resource Access

1. Connect a high-speed landline and a backup LTE to the BR1 ENT to offer a fast and reliable network. Designed with no Wi-Fi to meet strict security compliance

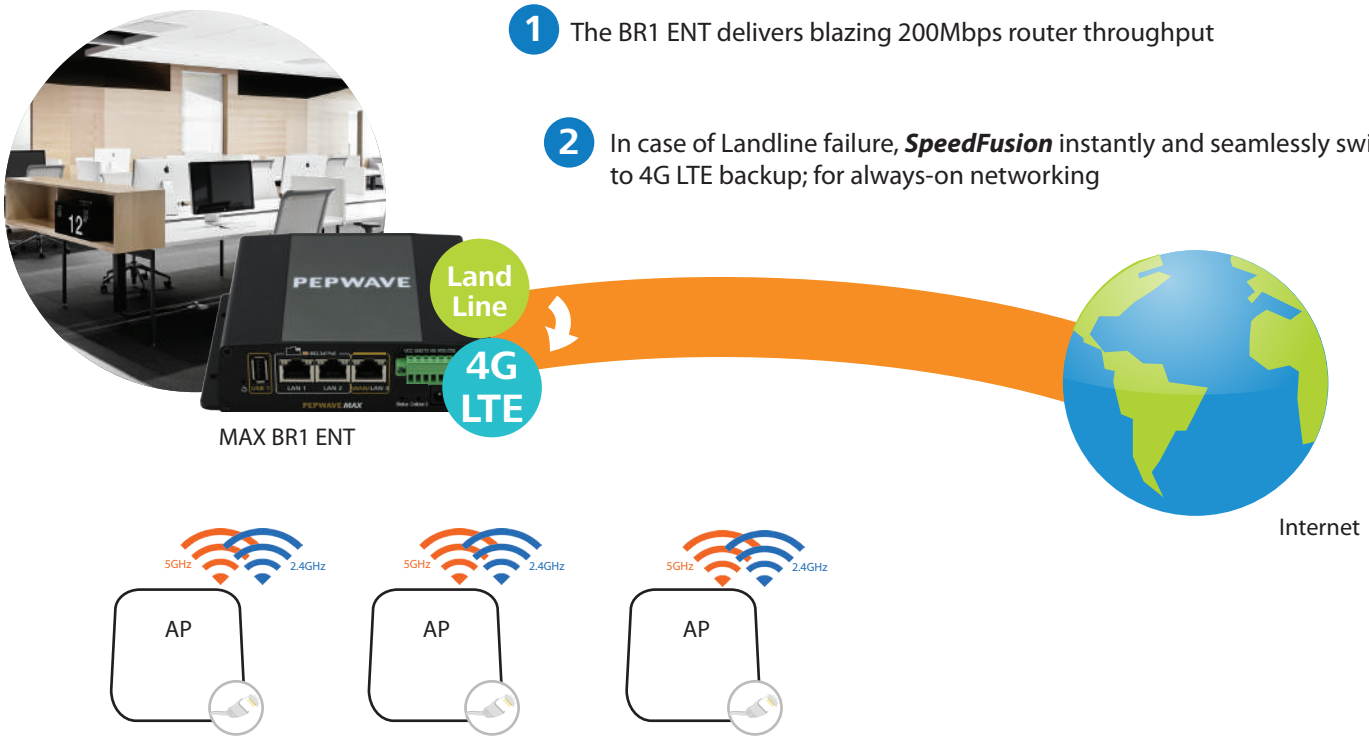
2. In case of a WAN failure, ***SpeedFusion*** instantly and seamlessly switches traffic to another connection



Enterprise – Upgrade Existing Network Infrastructure with LTE Backup

1. The BR1 ENT delivers blazing 200Mbps router throughput

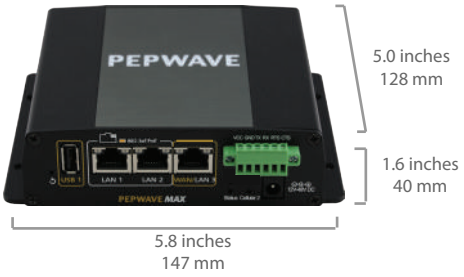
2. In case of Landline failure, ***SpeedFusion*** instantly and seamlessly switches traffic to 4G LTE backup; for always-on networking

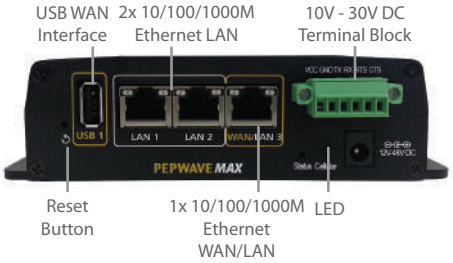


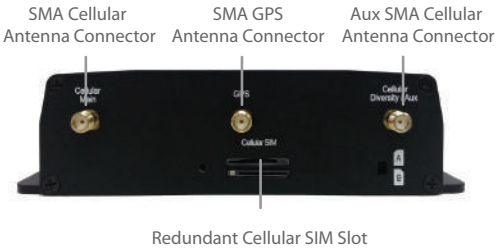
3. Integrate easily with existing wireless networks. The BR1 ENT is compatible with wireless access points from Aruba, Ruckus, and other manufacturers.

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
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	Sprint/AT&T/Telcel	1	4G LTE: B2/1900, B4/AWS (XLTE) , B5/850, B13/700, B17/700, B25/1900	WCDMA/HSDPA/HSUPA/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/HSDPA/HSUPA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900

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

Security
Stateful Firewall
DoS Prevention
Web Blocking

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 Managment
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

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