MAX BR1 Pro

Enterprise Grade Router with LTE Failover

wi link

PEPWAVE
Broadband Possibilities

Cellular Branch Networking Router

The MAX BR1 Pro comes with 4-port LAN switch and automatic failover, making it an ideal choice for deployments that demand outstanding reliability and flexibility.

SpeedFusion"
Bonding Technology
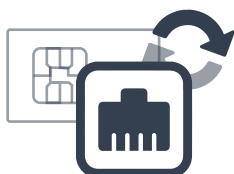
Broadband with LTE backup

Stay online when connections fail with instant automatic failover. Connect a high-speed primary line and a backup LTE connection, the BR1 Pro 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.

Redundant SIM Slots for Multiple Carriers

Redundant SIM slots with automatic switching for reliable network. You can set the MAX BR1 Pro to automatically switch SIM cards when you're in danger of data overage, or allows you travel across borders without changing SIM cards manually.
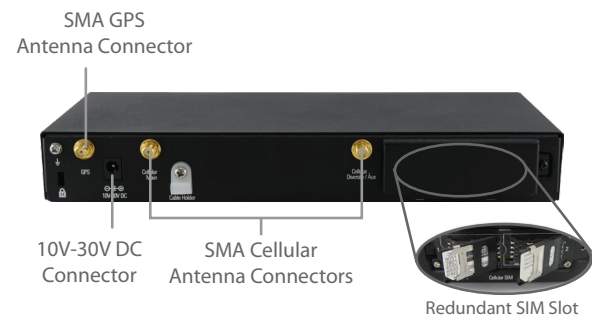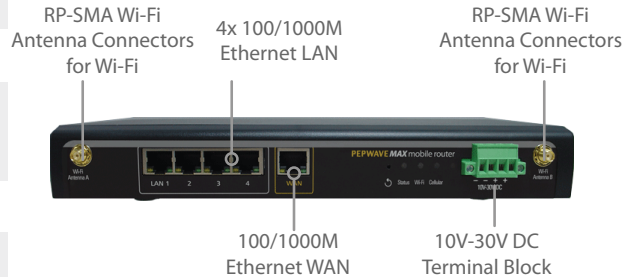
4-port GE LAN Switch

The four-port GE LAN switch allows the BR1 Pro to be dropped into any network transparently, without needs for extra cabling. Perfect for Branch Networking.

Specifications

	MAX BR1 Pro
WAN Interface	1x GE 1x Embedded LTE Modem with Redundant SIM Slot
LAN Interface	4x GE
Wi-Fi Interface	802.11a/n or b/g/n 300Mbps
Router Throughput	100Mbps
Recommended Users	1-60
Antenna Connector	2x Indoor 4G LTE Antenna Connector 2x RP-SMA Wi-Fi Connectors 1x SMA GPS Antenna Connector
Power Input	DC Jack/Terminal Block: DC 10V - 30V, 3A
Power Consumption	25W (max.)
Dimensions	1.6 x 10.2 x 5.6 inches 40 x 260 x 143 mm
Weight	2.65 pounds 1.2 kg
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS
Warranty	1-Year Limited Warranty

Rugged Enclosure Ideal for Demanding Applications

1.6 inches 40 mm
5.6 inches 143 mm
10.2 inches 260 mm

RP-SMA Wi-Fi Antenna Connectors for Wi-Fi
4x 100/1000M Ethernet LAN
RP-SMA Wi-Fi Antenna Connectors for Wi-Fi
100/1000M Ethernet WAN
10V-30V DC Terminal Block

SMA GPS Antenna Connector
10V-30V DC Connector
SMA Cellular Antenna Connectors
Redundant SIM Slot

Product Ordering Information

Product Code	Carrier	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
MAX-BR1-PRO-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-PRO-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

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
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 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 Pro
12V3A Power Supply
2x 5dBi Wi-Fi Antennas
2x 2dBi 4G LTE Antennas
1x GPS Antenna