

# MAX BR1 Slim

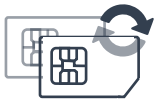
Portable and Rugged 4G LTE Router



The MAX BR1 Slim is compact (1.1 x 3.8 x 4.8 inches) and tough enough to install just about anywhere, and it offers advanced features such as GPS fleet tracking, remote management, and USB or terminal block power capability.

Works With

verizon Sprint at&t T-Mobile  
And worldwide 4G LTE/3G carriers



## Redundant SIM Slot for Multiple Carriers

Redundant SIM slot with automatic switching for reliable network. You can also set the MAX BR1 Slim to automatically switch SIM cards when you're in danger of exceeding a data cap. It also allows you travel across borders without changing SIM cards manually.



## Dual Micro USB Power Input

Connect one of the two built-in 5V micro USB ports to a 10000mAh power bank for up to 7 hours of operation. Running low on power? Connect a second power bank before disconnecting the first for uninterrupted networking.

SpeedFusion



## SpeedFusion Hot Failover.

The MAX BR1 Slim automatically re-establishes your SpeedFusion VPN connection on lower priority link when your primary WAN fails. Your VPN stays up, and you stay seamlessly connected.



## Fleet Tracking and Management

Track and manage your fleet from anywhere. With built-in GPS and InControl 2 cloud-based management, you can keep tabs on location and manage your mobile network from any Internet-connected device.



## Customize Captive Portal

Branding your captive portal is as easy as uploading your logo and terms & conditions. You can easily set bandwidth allowance and access duration per user or manage access using RADIUS or LDAP servers.



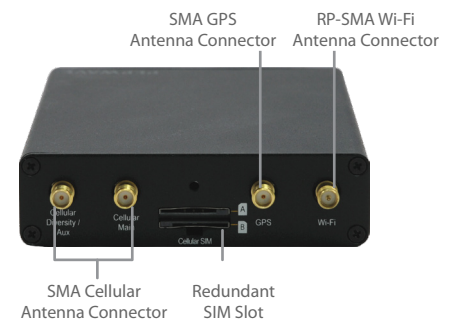
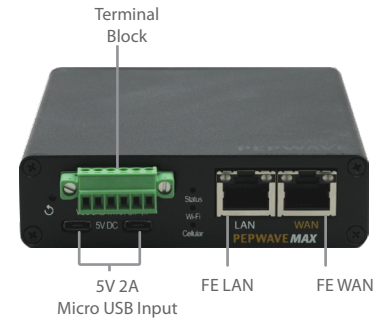
## Ultra-Portable LTE Connectivity

The MAX BR1 Slim gives you full-featured LTE Connectivity in a package that measures just 1.1 x 3.8 x 4.8 inches. Its rugged metal enclosure stands up to moisture, dust, and vibration. It gives you and your devices, such as surveillance camera, LTE connectivity anywhere.

# Specifications

## MAX BR1 Slim

|                                    |   |
|------------------------------------|---|
| WAN Interface                      | 1x FE<br>1x Embedded LTE-A Modem with Redundant SIM Slot  |
| LAN Interface                      | 1x FE   |
| Wi-Fi Interface                    | 802.11b/g/n 150Mbps Wi-Fi WAN or AP   |
| Router Throughput                  | 100Mbps   |
| Recommended Users                  | 60  |
| LTE Modem                          | Downlink/Uplink Datarate:<br>100Mbps/50Mbps   |
| LTE-A Modem                        | Downlink/Uplink Datarate:<br>300Mbps/50Mbps   |
| Cellular and GPS Antenna Connector | 2x RP-SMA Cellular Antenna Connector<br>1x SMA GPS Antenna Connector<br>1x SMA Wi-Fi Antenna Connector  |
| Power Input                        | Micro USB 5V 2A/Terminal Block: 10V – 24V DC  |
| Power Consumption                  | 10W (max.)  |
| Dimensions                         | 1.1 x 3.8 x 4.8 inches<br>27 x 97 x 120 mm  |
| Weight                             | 0.8 pound<br>350 grams  |
| Operating Temperature              | -40° – 149°F<br>-40° – 65°C   |
| Humidity                           | 15% – 95% (non-condensing)  |
| Certifications                     | FCC, CE, RoHS, E-Mark<br>EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance<br>EN 50155: Railway Applications<br>EN 61000: Electromagnetic Compatibility |
| Warranty                           | 1-Year Limited Warranty   |



# Ordering Information

| Product Code          | Carrier/Region               | Embedded Modem | 4GBands   | 3GBands   |
|-----------------------|------------------------------|----------------|---|---|
| MAX-BR1-Slim-LTE-US-T | Verizon/Sprint/AT&T/T-Mobile | 1              | 4G LTE: B2, B4, B5, B13, B17, B25                               | WCDMA/HSPA+/DC-HSPA+: B1, B2, B4, B5, B8<br>EV-DO Rev.A: BC0, BC1, BC10 |
| MAX-BR1-Slim-LTE-E-T  | Europe/International         | 1              | 4G LTE: B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD) | WCDMA/HSPA+/DC-HSPA+: B1, B5, B8  |

### Feature Add-On

| Product Code | Feature Pack                                   | Description  |
|--------------|--|--|
| MAX-BR1-ADV  | Advanced Feature Pack                          | Package includes a software license key for Advanced Car-Fi Roaming; and SpeedFusion and IPsec X.509 Certificate Support |
| PVN-LC-05    | PepVPN License Key for Velocity and BR1 family | Enables up to 5 PepVPN connections   |
| MAX-BR1-ADV  | Advanced Feature Pack                          | Enables up to 20 PepVPN connections  |

# 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  
Port-Based VLAN

### Security

Stateful Firewall

DoS Prevention  
Web Blocking  
Web Filtering Blacklists

### Complete VPN Solution

PepVPN / SpeedFusion Hot Failover  
Site-to-Site VPN  
Hot Failover  
256-bit AES Encryption  
Pre-shared Key Authentication  
Dynamic Routing  
X.509 Certificate Support^  
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

Individual Bandwidth Limit  
Application Prioritization  
SIP, HTTPS, VPN QoS  
Custom Application QoS

### Device Management

InControl 2 Cloud Management  
Router Utility Mobile App  
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 Slim  
1x 5dBi Wi-Fi Antenna  
1x GPS Antenna  
2x 2dBi 4G LTE Antennas

^ Feature is available as an upgrade