MAX BR1 Slim

Portable and Rugged 4G LTE Router

peplink | PEPWAVE

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

SpeedFusion

2x 5V Micro USB Ports

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 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.
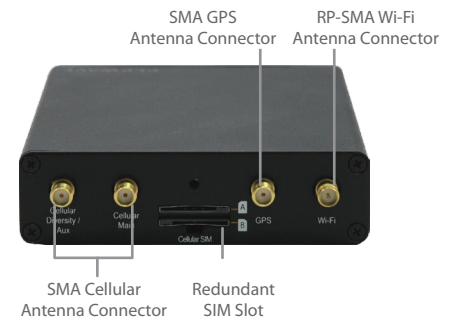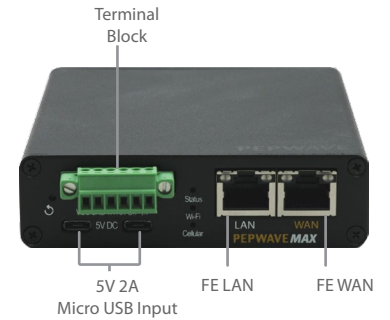
Ultra-Portable LTE Connectivity

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 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: 100Mbps/50Mbps
LTE-A Modem	Downlink/Uplink Datarate: 300Mbps/50Mbps
Cellular and GPS Antenna Connector	2x RP-SMA Cellular Antenna Connector 1x SMA GPS Antenna Connector 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 27 x 97 x 120 mm
Weight	0.8 pound 350 grams
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS, E-Mark EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance EN 50155: Railway Applications EN 61000: Electromagnetic Compatibility
Warranty	1-Year Limited Warranty

Terminal Block

5V 2A Micro USB Input | FE LAN | FE WAN

SMA GPS Antenna Connector | RP-SMA Wi-Fi Antenna Connector

SMA Cellular Antenna Connector | Redundant SIM Slot

Ordering Information

	Product Code	Carrier/Region	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
4G LTE	MAX-BR1-SLIM-LTEA-W-T	Worldwide	1	FDD LTE: 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-SLIM-LTEA-P-T	Asia Pacific	1	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, B6/800, B8/900, B9/1800, B19/800 Upper TD-SCDMA: B39/19000

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

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 Managment
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