MAX BR1 MK2 cellular router

Industrial-Grade 4G LTE Router

Compatible With:
verizon   Sprint   at&t   T··Mobile
ROGERS   TELUS   Bell   U.S.Cellular

*Selected models

Automatic Failover 4G LTE Router.

The BR1 offers automatic switching, DC or terminal block power capability, advanced GPS fleet tracking, and remote management, all packed into a durable metal enclosure.

Fleet Tracking and Management

With built-in GPS fleet tracking and InControl 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.

SpeedFusion Hot Failover

SpeedFusion technology powers MAX BR1 for seamless failover.

Terminal Block for Secure Power Supply

MAX BR1 is equipped with a terminal block for secure power installation in vehicles and other locations.
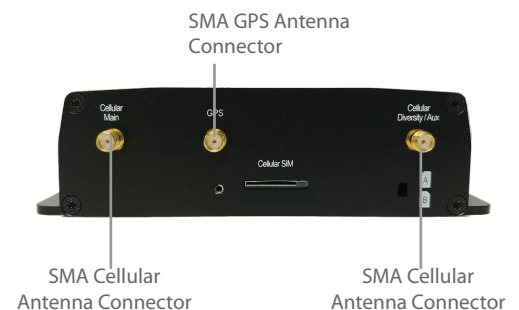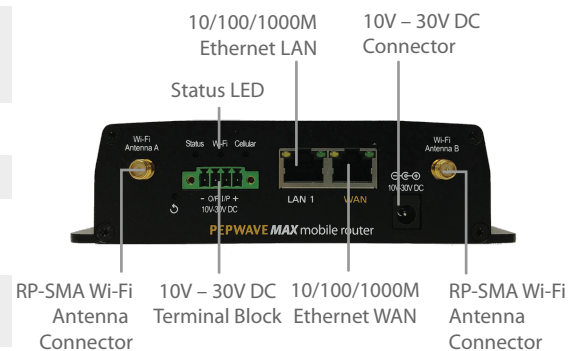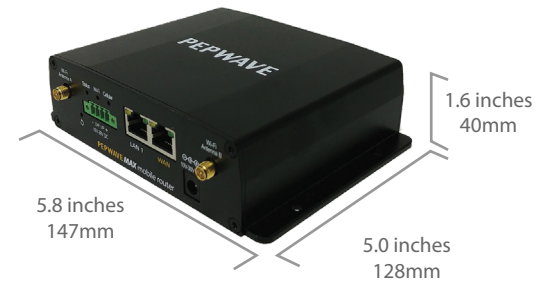
Certified Toughness

In addition to rugged metal enclosure, BR1 has certifications on:
Shock and vibration resistance
(EN 61373:1999, IEC 61373:1999)
Railway applications (EN 50155)
Electromagnetic Compatibility (EN 61000)

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Specifications

	MAX BR1 MK2
WAN Interface	1x GE 1x Embedded LTE-A Modem
LAN Interface	1x GE
Wi-Fi Interface	802.11ac/a/b/g/n 2x2 MIMO Simultaneous Dual-Band, Wi-Fi WAN & AP
Router Throughput	100Mbps
Recommended Users	1-60
Cellular and GPS Antenna Connector	2x SMA Antenna Connectors 1x SMA GPS Antenna Connector 2x Wi-Fi Connector
Power Input	DC Jack/Terminal Block: 10V – 30V DC
Power Consumption	16W (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° – 131°F -40° – 55°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS, E-Mark Class I, Division II: Hazardous Locations 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

1.6 inches
40mm

5.8 inches
147mm

5.0 inches
128mm

10/100/1000M Ethernet LAN

10V – 30V DC Connector

Status LED

Wi-Fi Antenna A

Status   Wi-Fi   Cellular

LAN 1   WAN

Wi-Fi Antenna B

PEPWAVE *MAX* mobile router

RP-SMA Wi-Fi Antenna Connector

10V – 30V DC Terminal Block

10/100/1000M Ethernet WAN

RP-SMA Wi-Fi Antenna Connector

SMA GPS Antenna Connector

Cellular Main

GPS

Cellular Diversity / Aux

Cellular SIM

SMA Cellular Antenna Connector

SMA Cellular Antenna Connector

Ordering Information

	Product Code	Carrier/Region	Embedded Modem	4G Bands	3G Bands
LTEA	MAX-BR1-MK2-LTEA-W-T	Worldwide	1	FDD LTE: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	MAX-BR1-MK2-LTEA-P-T	Asia Pacific	1	B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41	WCDMA/HSPA+/DC-HSPA+: B1, B5, B6, B8, B9, B19 TD-SCDMA: B39

Feature Add-On

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-HD-020-SPF	PepVPN License Key	Enables up to 20 PepVPN connections

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