

BR1 Mini

Unbreakable Connectivity. Unbeatable Price.



Constant Connectivity

With the BR1 Mini, there is always a way to connect. Use a combination of cellular, Ethernet[#], and Wi-Fi WAN[#] to provide users with constant connectivity.



[#]Available with add-on-license (MAX-BR1-MINI-LC-FS)



Reliable Hotspot

When working from home, reliable connectivity is critical. The BR1 Mini provides this seamlessly: no matter what WAN connection the BR1 Mini uses, the user experience remains consistent.

OOBM Support*

Create a modern out-of-band network to manage all your equipment. Give yourself console and Ethernet connectivity to all of your devices. Display your devices console interface over the cloud via InControl so you can securely manage from anywhere without the usual headaches.

*Available with optional accessory (ACW-411)



Deploy Anywhere

The BR1 Mini Core is designed to function where other routers can't. It is certified for vibration resistance and rolling stock (E Mark, EN 61373, EN 50155, EN 61000). It accepts multiple power inputs and a wide voltage range. Finally, it has an optional mount for Class 1 Div 2 support, and can function in extreme heat and cold.

Specifications

MAX BR1 Mini

WAN Interface 1x 10/100M Ethernet Port #
1x Embedded LTE Modem with Redundant SIM Slot

LAN Interface 1x 10/100M Ethernet Port

Wi-Fi Interface 802.11b/g/n Wi-Fi WAN # or AP

Drop-in Mode

Number of PepVPN SpeedFusion Peers

2/5 *

Router Throughput

100 Mbps

Number of IPsec Tunnels

5

Recommended Users

60

Downlink/Uplink Datarate

150Mbps/50Mbps (CAT 4)
300Mbps/50Mbps (CAT 6)

Cellular and GPS
Antenna Connector

2x SMA Antenna Connectors
1x SMA GPS Antenna Connector
1x Wi-Fi Connector

Power Input

DC Jack/Terminal Block: 12V – 28V DC
Passive PoE Input (WAN Port, 12V – 28V DC)

Power Consumption

1.8W (nominal), 12W (max.)

Dimensions

4.1 x 4.3 x 1.2 inches
105 x 110 x 30 mm

Weight

0.54 pound, 244 grams

Operating Temperature

-40° – 149°F, -40° – 65°C

Humidity

15% – 95% (non-condensing)

Certifications

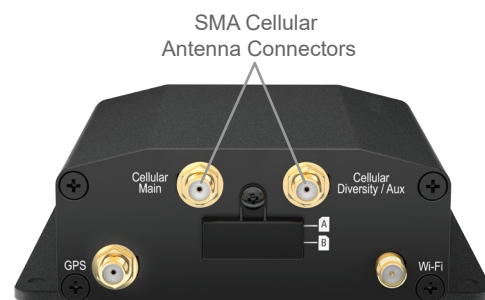
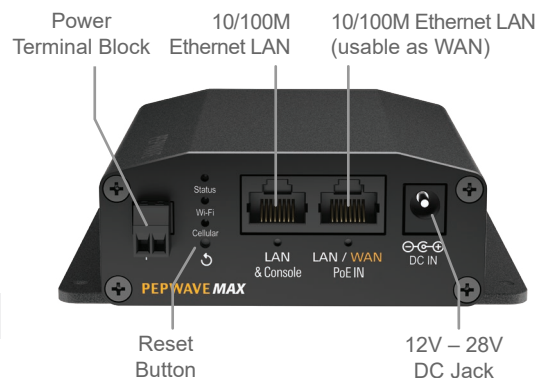
FCC, CE, IC, RoHS, E-Mark,
EN 61373: Shock and Vibration Resistance,
EN 50155: Railway Applications -
Electronic Equipment used on Rolling Stock,
EN 61000: Electromagnetic Compatibility

Warranty

1-Year Limited Warranty

Package Content

MAX BR1 MINI, 12V2A Power Supply (ACW-601),
1x GPS Antenna (ACW-232), 1x Wi-Fi 2.4G Antenna (ACW-304),
2x LTE Antenna (ACW-813), 2pin Terminal Block Connector



Available with add-on-license MAX-BR1-MINI-LC-FS
* 2 PepVPN Peers are enabled by default. Can be increased to 5 Peers using license PVN-LC-05.

Ordering Information

	Product Code	Carrier/Region	Embedded Modem	Standard	LTE Bands	3G Bands
LTE	MAX-BR1-MINI-LTE-US-T	United States	1	CAT-4	B2, B4, B5, B12, B13, B14, B66, B71	HSPA+: B2, B5
	MAX-BR1-MINI-LTE-E-T	Europe/International	1	CAT-4	B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8
	MAX-BR1-MINI-LTE-MX-T	Latin America/Australia	1	CAT-4	B1, B2, B3, B5, B7, B8, B28, B40	WCDMA/HSPA+/DC-HSPA+: B1, B2, B5, B8
LTEA	MAX-BR1-MINI-LTEA-W-T	Americas/EMEA	1	CAT-6	B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	2500WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	MAX-BR1-MINI-LTEA-P-T	Asia Pacific	1	CAT-6	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

Add-On License / Accessories

Product Code	Description
MAX-BR1-MINI-LC-FS	Failover software license and related feature set for BR1-MINI, enables Ethernet and Wi-Fi WAN
PVN-LC-05	Software license key. Enables up to 5 PepVPN peers
ACW-102	PoE injector for delivering passive PoE power to the BR1 Mini
ACW-411	Serial Console Port Adapter for BR1 Mini series
ACW-749	Class 1 Division 2 Mounting Kit for BR1 Mini
PUMA-221-S-W-6	5-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White)
PUMA-221-S-B-6	5-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black)