

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)

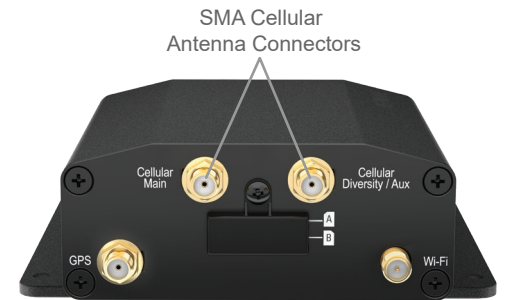
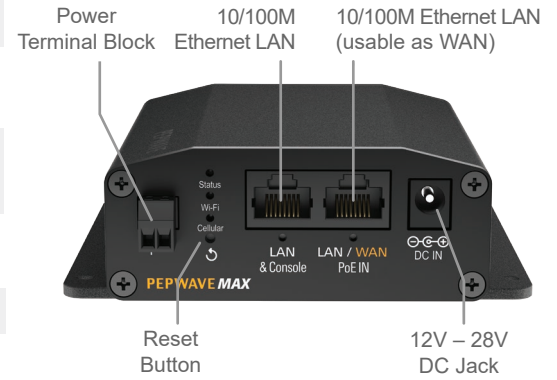


Deploy Anywhere

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 | 4.6 x 4.2 x 1.4 inches 117 x 107 x 35 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) |