

# MAX BR1 ENT

## Enterprise Grade Router with LTE Failover



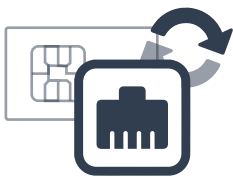
## LTE Highspeed Broadband Router

The BR1 ENT delivers blazing 300Mbps router throughput with automatic failover to LTE and comes without Wi-Fi, making it an ideal choice for deployments that demand high performance, and outstanding reliability.

### Compatible With:



\*Selected models



### Highspeed Broadband with LTE backup

Stay online when connections fail with instant automatic failover. Connect a high-speed primary line and a backup LTE connection, and the BR1 ENT will seamlessly switch between wired and cellular links as needed to keep your connection stable and fast.



### Terminal Block for Secure Power Supply

The MAX BR1 ENT is equipped with a terminal block for secure power installation.



### Meet Strict Security Compliance

Got a strict no-Wi-Fi security policy? Built without Wi-Fi, the BR1 ENT is a great choice for deployments with compliance requirements.

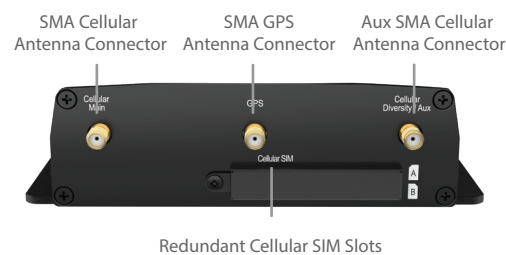
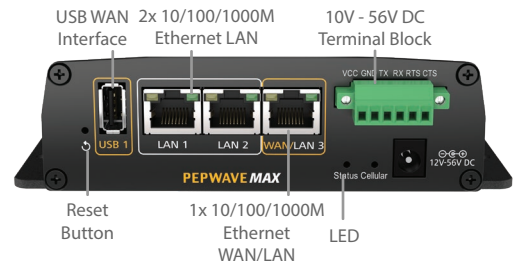
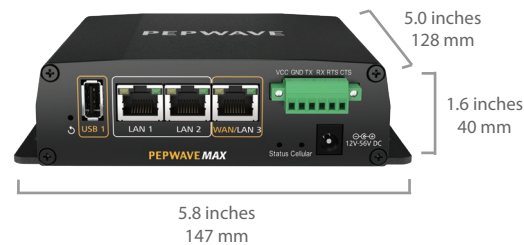


### PoE Output Option Available

Cut down on cabling and simplify deployments. With an optional PoE activation kit, the BR1 ENT supports 802.3af PoE Output, so one cable is all you need for both connectivity and power.

# Specifications

| MAX BR1 ENT                        |                                                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| WAN Interface                      | 1x USB Interface<br>1x GE<br>1x Embedded LTE Modem with Redundant SIM Slots                                                                       |
| LAN Interface                      | 2x GE                                                                                                                                             |
| Drop-in Mode                       | ●                                                                                                                                                 |
| Router Throughput                  | 300Mbps                                                                                                                                           |
| Recommended Users                  | 150                                                                                                                                               |
| Downlink/Uplink Datarate           | 100Mbps/50Mbps (LTE Modem)<br>300Mbps/50Mbps (LTE-A Modem)<br>600Mbps/150Mbps (LTE-A Pro Modem)                                                   |
| Cellular and GPS Antenna Connector | 2x SMA Antenna Connectors<br>1x SMA GPS Antenna Connector<br>(2x 2dBi Indoor 4G LTE Antennas Included)                                            |
| Power Input                        | DC Jack/Terminal Block: 10V – 56V DC                                                                                                              |
| Power Consumption                  | Max.: 16W, Typical: 11W, Min.: 8W                                                                                                                 |
| Dimensions                         | 5.8 x 5.0 x 1.6 inches<br>147 x 128 x 40 mm                                                                                                       |
| Weight                             | 0.96 pound<br>435 grams                                                                                                                           |
| Operating Temperature              | -40° – 149°F<br>-40° – 65°C                                                                                                                       |
| Humidity                           | 15% – 95% (non-condensing)                                                                                                                        |
| Certifications                     | FCC, CE, RoHS, IC                                                                                                                                 |
| Warranty                           | 1-Year Limited Warranty                                                                                                                           |
| Package Content                    | MAX BR1 ENT, 12V2A Power Supply (ACW-601),<br>1x GPS Antenna (ACW-232),<br>2x LTE Antennas (ACW-815 or ACW-234),<br>6pin Terminal Block Connector |



## Ordering Information

|           | Product Code         | Carrier/Region                 | Embedded Modems | Cellular Standard | 4G Bands                                                                                                       | 3G Bands                                                               |
|-----------|----------------------|--------------------------------|-----------------|-------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| LTE-A Pro | MAX-BR1-ENT-LTEA-R-T | America / FirstNet / CAT-12    | 1               | LTE Advanced Pro  | B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66 | HSPA+: B1, B2, B4, B5, B6, B8, B9, B19                                 |
|           | MAX-BR1-ENT-LTEA-K-T | Global* / CAT-12               | 1               | LTE Advanced Pro  | B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66 | HSPA+: B1, B2, B4, B5, B6, B8, B9, B19                                 |
| LTEA      | MAX-BR1-ENT-LTEA-W-T | Worldwide / CAT-6              | 1               | LTE Advanced      | 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-ENT-LTEA-P-T | Asia Pacific / CAT-6           | 1               | LTE Advanced      | B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41                                                     | WCDMA/HSPA+/DC-HSPA+: B1, B5, B8, B9, B19<br>UMTS: B6<br>TD-SCDMA: B39 |
| LTE       | MAX-BR1-ENT-LTE-E-T  | Europe / International / CAT-4 | 1               | LTE               | B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)                                                        | WCDMA/HSPA+/DC-HSPA+: B1, B5, B8                                       |

\*China & HK TD LTE are excluded.

## Add-on feature

| Product Code   | Description                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------|
| ACW-622        | Includes 1x 56V Power Supply<br>Enables 802.3at/af PoE Output Ports (PoE License automatically applied after kit purchase) |
| MAX-HD-020-SPF | Supports up to 20 PepVPN/SpeedFusion Peers                                                                                 |