



The Classic Goes Sonic

# BR1 Pro 5G



## Sonic for a Reason

The 'classic goes sonic', why? The BR1 Pro 5G is integrated with the new generation multi-core CPU ensuring delivery of gigabit speeds. Achieving 800% faster speeds than the original BR1 Classic.

## Deploy with Confidence

Just like the original BR1 Classic, the BR1 Pro 5G has also been certified to meet the standards of a wide array of deployment criterias.

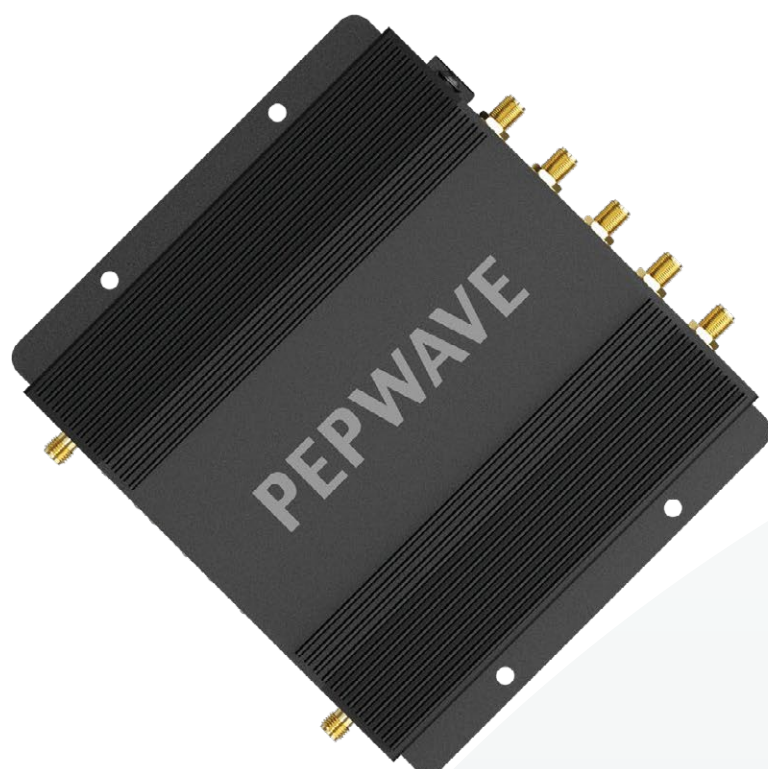




## PRODUCT DATASHEET BR1 Pro 5G

### Low-Profile Form Factor

At 1.14 inches short, the BR1 Pro 5G is 25% slimmer than the BR1 Classic.



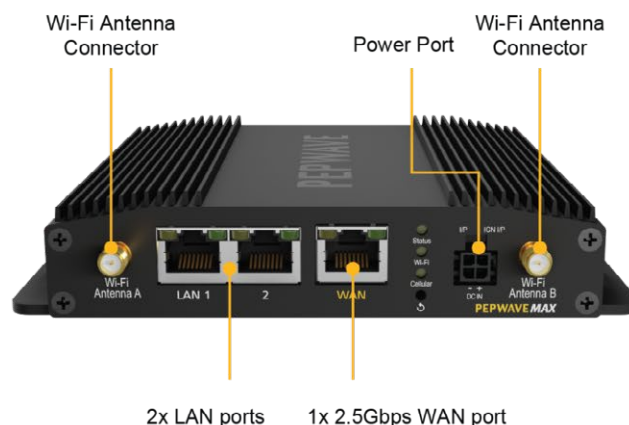
### Available with PrimeCare

The economical way to build your secure SpeedFusion network. Experience it all with PrimeCare.

### Upgrade to Wi-Fi 6

Experience less interference and connect to multiple devices simultaneously.





## SPECIFICATIONS

- **WAN Interfaces:** 1x 10/100/1000/2500M Ethernet<sup>1</sup>, 1x 5G Modem with Redundant SIM Slot
- **LAN Interface:** 2x 10/100/1000M Ethernet
- **Wi-Fi Interface:** Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6, 2X2 MU-MIMO, Wi-Fi WAN and/or AP
- **Features:** Drop-in Mode, Load Balancing/Failover, Ignition Sensing
- **Transmit Power (2.4GHz / 5GHz):** 19 dBm / 19 dBm
- **Router Throughput:** 1 Gbps
- **PepVPN Throughput (No Encryption):** 400 Mbps
- **PepVPN Throughput (256-bit AES):** 200 Mbps
- **SpeedFusion Features:** Hot Failover, WAN Smoothing Bandwidth Bonding<sup>2</sup>
- **Number of PepVPN SpeedFusion Peers:** 2/5<sup>3</sup>
- **5G Cellular Data Rate<sup>4</sup> (Downlink/Uplink):**  
5G: 4 Gbps / 700 Mbps, LTE CAT-20: 2 Gbps / 150 Mbps
- **Recommended Users:** 150
- **Antenna Connectors:** 4x SMA Cellular Antenna Connectors, 2x RP-SMA Wi-Fi Antenna Connectors, 1x SMA GPS Antenna Connector
- **Power Input:** 10 - 30V
- **Power Consumption:** 8 W (nominal), 19 W (max.)
- **Dimensions:** 125 x 147 x 23 mm
- **Weight:** 580 g
- **Operating Temperature:** -40°– 65° C
- **Humidity:** 10%–85% (non-condensing)
- **Certifications:** FCC, CE
- **Warranty:** 1-Year Limited Warranty
- **Package Content:** 1x BR1 Pro 5G, 1x 12V2A Power Supply (ACW-632), 4x LTE/5G Antennas (ACW-235), 2x Wi-Fi Dual Band Antenna (ACW-341), 1x GPS Antenna (ACW-232)

<sup>1</sup> The WAN port can act as a LAN port if needed.

<sup>2</sup> Requires PrimeCare Subscription, complementary for the first year

<sup>3</sup> 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled with PrimeCare Subscription, complementary for the first year

<sup>4</sup> Theoretical maximum data rates



## PRODUCT DATASHEET BR1 Pro 5G

### ORDERING INFORMATION

| Product Code          | Description | Embedded Modems | Carrier/ Categories | 5G Bands  | LTE Bands  |
|-----------------------|-------------|-----------------|---------------------|---|--|
| MAX-BRI-PRO-5GD-T-PRM | BR1 Pro 5G  | 1               | Global/5G           | 5G (NSA) Sub 6Ghz:<br>n1, n2, n3, n5, n7,<br>n8, n12, n20, n28,<br>n38, n41, n66, n71,<br>n77, n78, n79 | B1, B2, B3,<br>B4, B5, B7, B8, B12,<br>B13, B14, B17, B18, B19,<br>B20, B25, B26, B28,<br>B29, B30, B32, B34,<br>B38, B39, B40, B41,<br>B42, B46, B48,<br>B66, B71 |

### FEATURE ADD-ON

| Product Code          | Description  |
|-----------------------|--|
| PRM-MAX-BRI-PRO-5G-1Y | 1 Year PrimeCare for BR1 Pro 5G                                    |
| PRM-MAX-BRI-PRO-5G-2Y | 2 Year PrimeCare for BR1 Pro 5G                                    |
| PRM-MAX-BRI-PRO-5G-4Y | 4 Year PrimeCare for BR1 Pro 5G                                    |
| ACW-634               | 10ft Direct Wire DC Cable  |
| ANT-MB-42G-S-W-6      | 7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White) |
| ANT-MB-42G-S-B-6      | 7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black) |

#### Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.