

# BR1 Pro 5G



| The Classic Goes Sonic

## 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.

## Upgrade to Wi-Fi 6

Experience less interference and connect to multiple devices simultaneously.

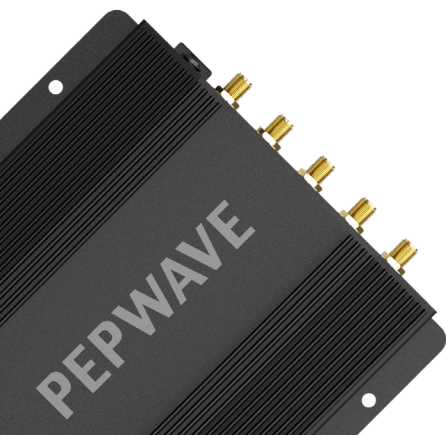
## Deploy with Confidence

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.



## 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.

# MAX BR1 Pro 5G



## Specifications

<b>WAN Interface</b>	1x 10/100/1000/2500 Ethernet 1x Embedded Cellular Modem with Redundant SIM Slots	<b>Antenna Connectors</b>	4x SMA Cellular Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
<b>LAN Interface</b>	2x 10/100/1000M Ethernet	<b>Power Input</b>	10V – 30V DC
<b>Wi-Fi Interface</b>	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6 2x2 MU-MIMO Wi-Fi WAN and/or AP	<b>Power Consumption</b>	8W (nominal), 19W (max.)
<b>SpeedFusion Features</b>	Hot Failover, WAN Smoothing, Bandwidth Bonding <sup>1</sup>	<b>Dimensions</b>	5.78 x 5.08 x 1.15 inches / 146.8 x 129 x 29.3 mm
<b>Number of PepVPN SpeedFusion Peers</b>	2 / 5 <sup>2</sup>	<b>Weight</b>	1.5 pounds / 680 grams
<b>Features</b>	GPIO, Ignition Sensing	<b>Operating Temperature</b>	-40° – 149°F / -40° – 65°C
<b>Router Throughput</b>	1Gbps	<b>Humidity</b>	15% – 95% (non-condensing)
<b>SpeedFusion Throughput (No Encryption)</b>	400 Mbps	<b>Certifications</b>	FCC, CE, RoHS, E-Mark EN61373 Shock and Vibration Resistance EN50155 Railway Applications Electronic Equipment used on Rolling Stock EN61000 Electromagnetic Compatibility
<b>SpeedFusion Throughput (256-bit AES)</b>	200 Mbps	<b>Package Content</b>	1x BR1 Pro 5G 4x LTE/5G Antennas (ACW-235) 2x Dual Band Wi-Fi Antennas (ACW-341) 1x GPS Active Antenna (ACW-232) 1x 12V 2A 4 Pin Power Supply (ACW-632)
<b>Recommended Users</b>	1-150	<b>SIM Card Size</b>	Nano-SIM (4FF)
<b>Cellular Data Rate <sup>3</sup> (Downlink / Uplink)</b>	5G: 4 Gbps / 700 Mbps CAT-20: 2 Gbps / 150 Mbps	<b>Warranty</b>	1-Year Limited Warranty

<sup>1</sup> Requires a PrimeCare subscription, complimentary for the first year.

<sup>2</sup> 5 PepVPN Peers are enabled for PrimeCare models which requires a PrimeCare subscription, complimentary for the first year.

<sup>3</sup> Maximum theoretical data rates.

Specifications are subject to change without notice.

## Ordering Information

Product Code	Regions	5G Bands	LTE Bands
MAX-BR1-PRO-5GD-T-PRM Embedded Modem(s): 1x 5G	Primary: APAC, EMEA Compatibility: Global	<b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71
MAX-BR1-PRO-5GH-T-PRM Embedded Modem(s): 1x 5G	Primary: North America* Compatibility: Global  US Carrier Certifications: AT&T, T-Mobile, US Cellular, Verizon, FirstNet	<b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n28, n41, n66, n71, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71

## Featured Add-ons

Product Code	Description
PRM-MAX-BR1-PRO-5G-1Y	1-Year PrimeCare for BR1 Pro 5G
PRM-MAX-BR1-PRO-5G-2Y	2-Year PrimeCare for BR1 Pro 5G
PRM-MAX-BR1-PRO-5G-4Y	4-Year PrimeCare for BR1 Pro 5G
ACW-634	10ft DC Power Cable
ACW-643	Vehicle Cigarette to Molex Power Cable
ANT-MB-42G-S-B-6	7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black)
ANT-MB-42G-S-W-6	7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White)