

# MAX 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 8 times faster than the original BR1 classic.



Ultimate 5G Speed



Blazing Fast Wi-Fi 6

## Why Settle For An Adapter When You Can Get The Full Suite?

### 5G Adapter

Need a simple 5G adapter? Add a 5G WAN to any existing router or firewall without the need to replace any of your devices.



### 5G Router / Gateway

Why stop there? It can also serve as a powerful 5G router for your network. No matter if it's C-Band or LTE, you'll be able to add cellular connectivity easily to your network.



### Fixed or Mobile

Supercharged with SpeedFusion, use the BR1 Pro 5G as the central router for your branch network. Guarantee unbreakable connections for important applications, like video calls, POS systems and more.



## 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.



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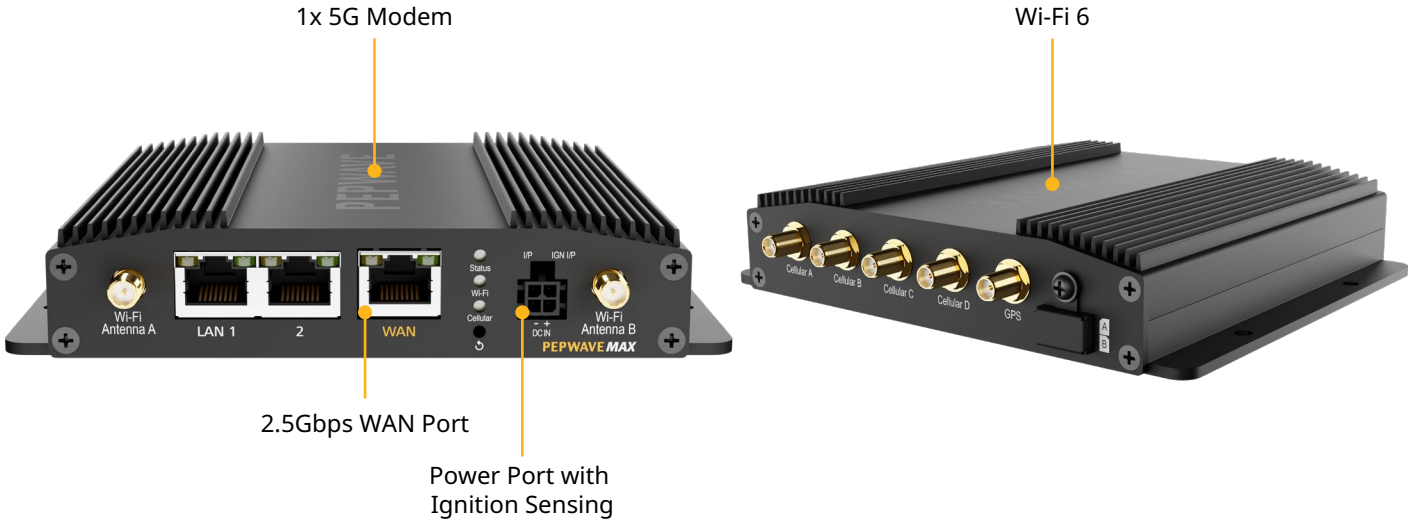
## Low-Profile Form Factor

At 1.15 inches short, the BR1 Pro 5G is 25% slimmer than the BR1 Classic.

5.08 inches

5.78 inches

1.15 inches



## Specifications

WAN Interface	1x 10/100/1000/2500 Ethernet <sup>1</sup> 1x Embedded Cellular Modem with Redundant SIM Slots	Antenna Connectors	4x SMA Cellular Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
LAN Interface	2x 10/100/1000M Ethernet <sup>1</sup>	Power Input	AC Adapter: AC Input 100V-240V / DC Output 12V 10V – 30V DC
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6 2x2 MU-MIMO Wi-Fi WAN and/or AP	Power Consumption	8W (nominal), 19W (max.)
SpeedFusion Features	Hot Failover, WAN Smoothing, Bandwidth Bonding	Dimensions	5.78 x 5.08 x 1.15 inches / 146.8 x 129 x 29.3 mm
Number of SpeedFusion VPN Peers	2 / 5 <sup>2</sup>	Weight	1.5 pounds / 680 grams
Features	GPIO, Ignition Sensing	Operating Temperature	-40° – 149°F / -40° – 65°C
Router Throughput	1Gbps	Humidity	15% – 95% (non-condensing)
SpeedFusion Throughput (No Encryption)	400 Mbps	Certifications	FCC, CE, RoHS, E-Mark EN61373 Shock and Vibration Resistance EN50155 Railway Applications Electronic Equipment used on Rolling Stock EN61000 Electromagnetic Compatibility
SpeedFusion Throughput (256-bit AES)	200 Mbps	Package Content	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)
Recommended Users	1-150	SIM Card Size	Nano-SIM (4FF)
AP Controller	Standard	Warranty	1-Year Limited Warranty
Maximum Number of AP Supported	30		
Cellular Data Rate <sup>3</sup> (Downlink / Uplink)	5G: 3.4 Gbps / 900 Mbps CAT-20: 1.6 Gbps / 200 Mbps		

<sup>1</sup> Ethernet ports include surge and ESD protection circuits to protect against over-voltage transients.  
<sup>2</sup> 5 SpeedFusion VPN 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-5GN-T-PRM Embedded Modem(s): 1x 5G	Global	<b>5G (SA &amp; NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n76, 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-C-1Y / PCP-C-1Y	PrimeCare C / PrimeCare+ C (1-Year)
PRM-C-2Y / PCP-C-2Y	PrimeCare C / PrimeCare+ C (2-Year)
PRM-C-4Y / PCP-C-4Y	PrimeCare C / PrimeCare+ C (4-Year)
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)