

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.

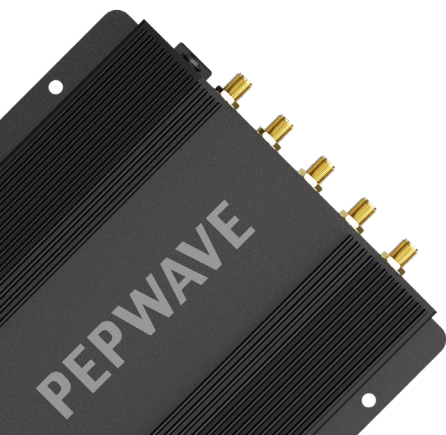
Deploy with Confidence

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.



Specifications

WAN Interface	1x 10/100/1000/2500 Ethernet ¹ 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 ¹	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 ² , WAN Smoothing ² , Bandwidth Bonding ²	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 ³	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 ⁴ (Downlink / Uplink)	5G: 4 Gbps / 700 Mbps CAT-20: 2 Gbps / 150 Mbps		

¹ Ethernet ports include surge and ESD protection circuits to protect against over-voltage transients.

² Requires a PrimeCare subscription, complimentary for the first year.

³ 5 SpeedFusion VPN Peers are enabled for PrimeCare models which requires a PrimeCare subscription, complimentary for the first year.

⁴ 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	5G (NSA) Sub 6Ghz: 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 (C-Band), FirstNet	5G (NSA) Sub 6Ghz: 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)