

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.

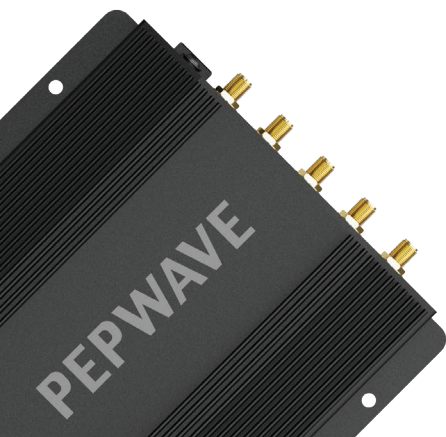
Deploy with Confidence

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

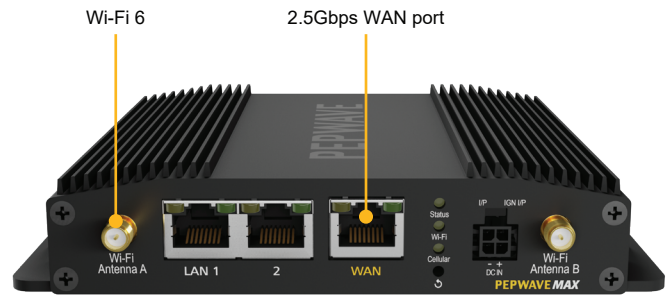
At 1.14 inches short, the BR1 Pro 5G is 25% slimmer than the BR1 Classic.



Available with PrimeCare

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

BR1 Pro 5G



Specifications

WAN Interface	1x 10/100/1000/2500M Ethernet ¹ 1x 5G Modem with Redundant SIM Slot	5G Cellular Data Rate⁴ (Downlink/Uplink)	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps
LAN Interface	2x 10/100/1000M Ethernet	Recommended Users	150
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6, 2X2 MU-MIMO Wi-Fi WAN and/or AP	Antenna Connectors	4x SMA Cellular Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
Features	Drop-in Mode Load Balancing/Failover Ignition Sensing	Power Input	10 - 30V
Transmit Power (2.4GHz / 5GHz)	24 dBm / 26 dBm	Power Consumption	8 W (nominal), 19 W (max.)
Router Throughput	1 Gbps	Dimensions (L x W x H)	5.78 x 5.08 x 1.15 inches / 146.8 x 129 x 29.3 mm
PepVPN Throughput (No Encryption)	400 Mbps	Weight	1.28 pounds / 580 g
PepVPN Throughput (256-bit AES)	200 Mbps	Operating Temperature	-40°– 149° F / -40°– 65° C
SpeedFusion Features	Hot Failover, WAN Smoothing, Bandwidth Bonding ²	Humidity	15% – 95% (non-condensing)
Number of PepVPN SpeedFusion Peers	2/5 ³	Certifications	FCC, CE, RoHS, Railway Applications - Electronic Equipment used on Rolling Stock: EN 50155 Electromagnetic Compatibility: EN 61000
		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)

¹ The WAN port can act as a LAN port if needed. ² Requires PrimeCare Subscription, complimentary for the first year

³ 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled with PrimeCare Subscription, complimentary for the first year ⁴Theoretical maximum data rates

⁵ Certification pending.

Ordering information

Product Code	Embedded Modem(s)	Regions	5G Bands	LTE Bands
PRM-MAX-BR1-PRO-5GD-T-PRM	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
PRM-MAX-BR1-PRO-5GH-T-PRM	1x 5G	Primary: North America* Compatibility: Global	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

* US Carrier Certifications: AT&T, T-Mobile, US Cellular, Verizon (Pending)

Feature Add-on

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