BR1 Pro 5G

The Classic Goes Sonic

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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.

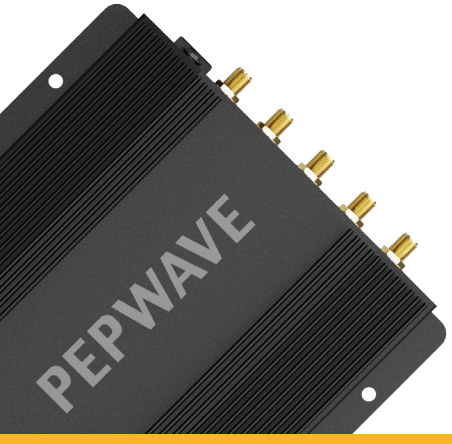
Deploy with Confidence

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.

5G Wi-Fi 6

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.

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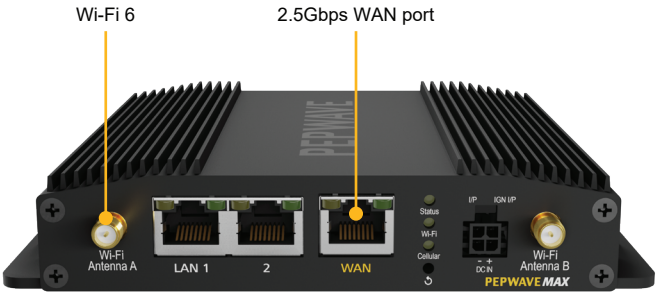

Specifications

WAN Interface	1x 10/100/1000/2500M Ethernet[1] 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)	21 dBm / 22 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[2]
Number of PepVPN SpeedFusion Peers	2/5[3]
5G Cellular Data Rate[4] (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 (L x W x H)	5.78 x 5.08 x 1.15 inches / 146.8 x 129 x 29.3 mm
Weight	1.28 pounds / 580 g
Operating Temperature	-40°– 149° F / -40°– 65° C
Humidity	15% – 95% (non-condensing)
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 [4] Theoretical maximum data rates
[5] Certification pending.

Ordering information

Product Code	Embedded Modem(s)	Regions	5G Bands	LTE Bands
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
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

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