



CAT-20

BR1 Pro

Here LTE gets Sonic

Wi-Fi just got better

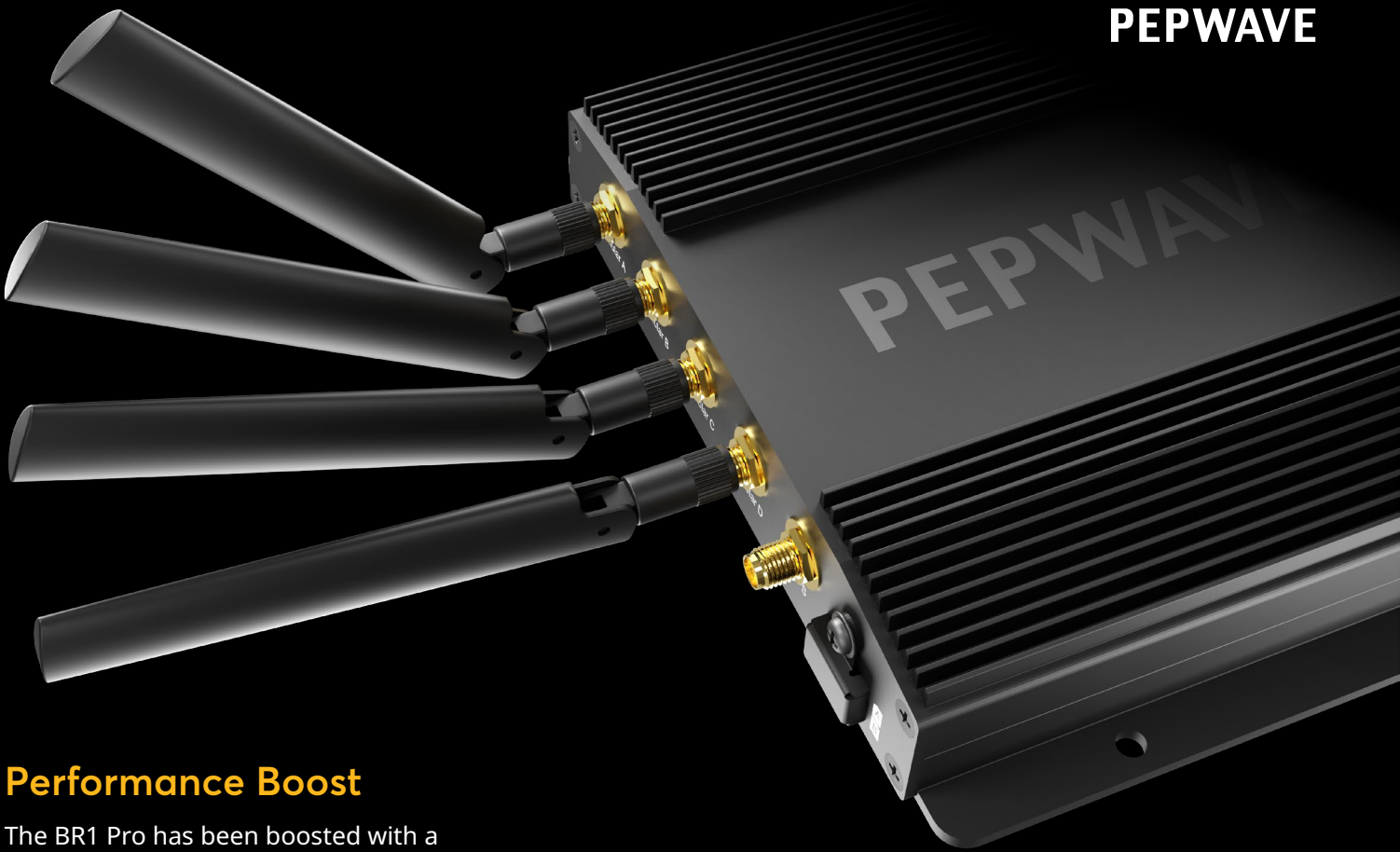
Connect multiple devices simultaneously, and experience faster throughput speeds and better bandwidth congestion with the latest Wi-Fi 6, all with less interference.



SpeedFusion Ready

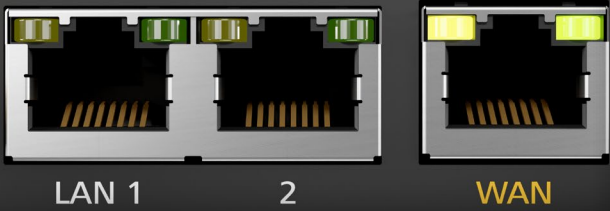
Enable the endless possibilities of SpeedFusion technology just by simply connecting to SpeedFusion Cloud from wherever you are.





Performance Boost

The BR1 Pro has been boosted with a CAT-20 modem which can achieve speeds of up to 800% faster than the original BR1 Pro.



- Status
- Wi-Fi
- Cellular

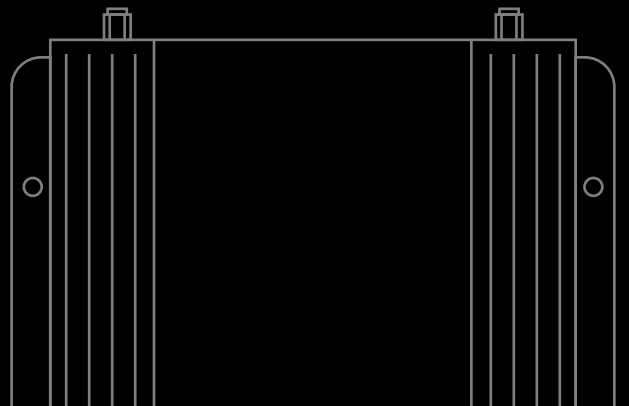
Hardcore Capabilities

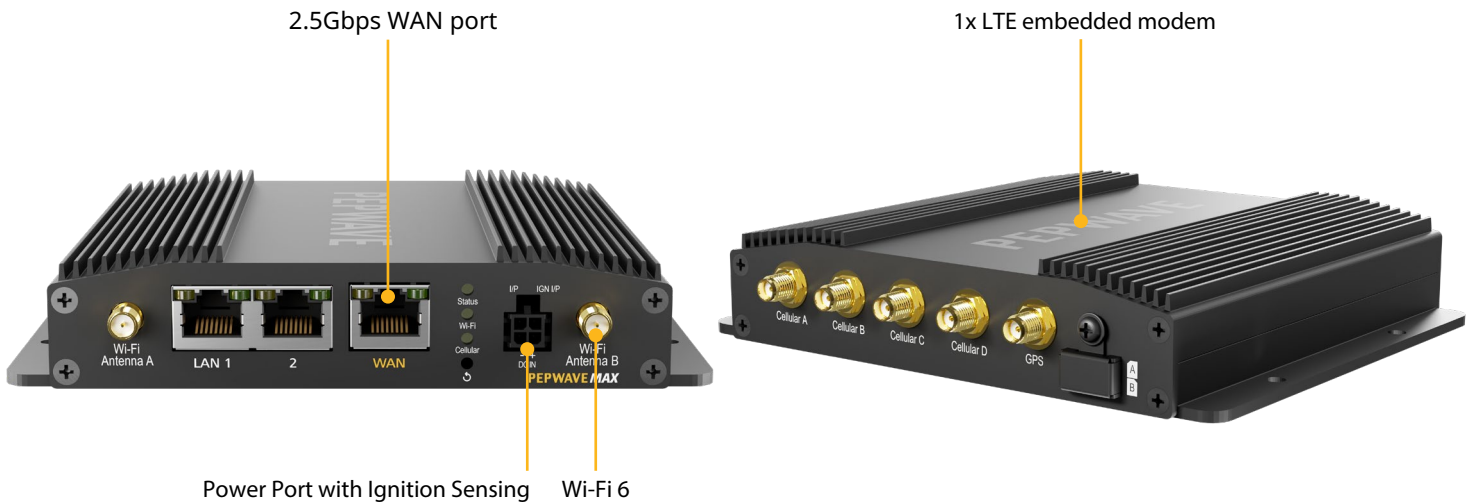
The BR1 Pro comes equipped with a 2.5Gbps Ethernet port, making it compatible for your network devices to run at their designated speeds without limitations.



Deploy Anywhere

Certified toughness and wide operating temperatures mean you can just deploy, forget, and enjoy the benefits.





Specifications

WAN Interface	1x 10/100/1000/2500M Ethernet ¹ 1x LTE-A Pro Modem with Redundant SIM Slots	Antenna Connectors	4x SMA Cellular Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
LAN Interface	2x 10/100/1000M Ethernet	Power Input	10 - 30V
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6, 2X2 MU-MIMO Wi-Fi WAN and/or AP	Power Consumption	8 W (nominal), 19 W (max.)
SpeedFusion features	Hot Failover ² , WAN Smoothing ² , Bandwidth Bonding ²	Dimension	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	Drop-in Mode Load Balancing/Failover Ignition Sensing	Operating Temperature	-40° - 149°F / -40° - 65°C
Router Throughput	1 Gbps	Humidity	15% - 95% (non-condensing)
SpeedFusion VPN Throughput		Certifications	FCC, CE, RoHS E-Mark (Motor Vehicle) ⁶ EN 61373 Shock and Vibration Resistance ⁶ EN 50155 Railway Applications - Electronic Equipment used on Rolling Stock EN 61000 Electromagnetic Compatibility
- No Encryption	400 Mbps	Package Content	1x MAX BR1 Pro CAT-20 4x LTE/5G Antennas (ACW-234) 2x Dual Band Wi-Fi Antennas (ACW-341) 1x GPS Antenna (ACW-232) 1x 12V2A Power Supply (ACW-632)
- 256-bit AES	200 Mbps	SIM Card Size	Nano-SIM (4FF)
Recommended Users	1-150	Warranty	1-Year Limited Warranty
AP Controller	Standard ⁴		
Maximum Number of AP Supported	30 ⁴		
Cellular Data Rate ⁵ (Downlink/Uplink)	CAT-20: 2 Gbps / 211 Mbps		

¹ The WAN port can act as a LAN port if needed.

² Requires PrimeCare Subscription, complementary for the first year.

³ 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year.

⁴ Will be supported in a future firmware upgrade.

⁵ Theoretical maximum data rates.

⁶ Certifications Pending.

Ordering Information

Product Code	Regions	LTE Bands	3G Bands
MAX-BR1-PRO-GLTE-S-T-PRM Embedded Modem(s): 1x LTE-A Pro (CAT-20)	Compatibility: Global	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71	HSPA+: B1, B2, B3, B4, B5, B8, B9

Featured Add-on

Product Code	Description
PRM-MAX-BR1-PRO-1Y	1-Year PrimeCare for BR1 Pro
PRM-MAX-BR1-PRO-2Y	2-Year PrimeCare for BR1 Pro
PRM-MAX-BR1-PRO-4Y	4-Year PrimeCare for BR1 Pro