SIMETRY

FIXED WIRELESS SOLUTIONS

Fixed Wireless Essentials

UNLIMITED INTERNET PLAN

Unlimited Data / mo.

Recommended devices
1 to 60

HARDWARE:
Peplink MAX BR1 Pro 5G (CAT-20, 5G) Cellular Modem

TERM & PRICING OPTIONS

$279.99 / mo.	**$289.99 / mo.**	**$319.99 / mo.**
36 month term	24 month term	12 month term

INCLUDED IN FIXED WIRELESS ESSENTIALS:

- Peplink MAX BR1 Pro 5G (CAT-20, 5G) Cellular Modem
- Unlimited Cellular Data
- SIM card and network provisioning
- 24/7 Support

Use the carriers of your choice

INCLUDED IN ALL FIXED WIRELESS PACKAGES:

Our fixed wireless Internet solutions are self-contained. We provide the hardware, data, and support you need to keep your business running.

- Industrial-Level Cellular Modem
- SIM Cards and Hardware Provisioning
- Unlimited Tier-1 Data
- 24/7 Hardware & Data Support

TAA COMPLIANT

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 Connect from wherever you are.

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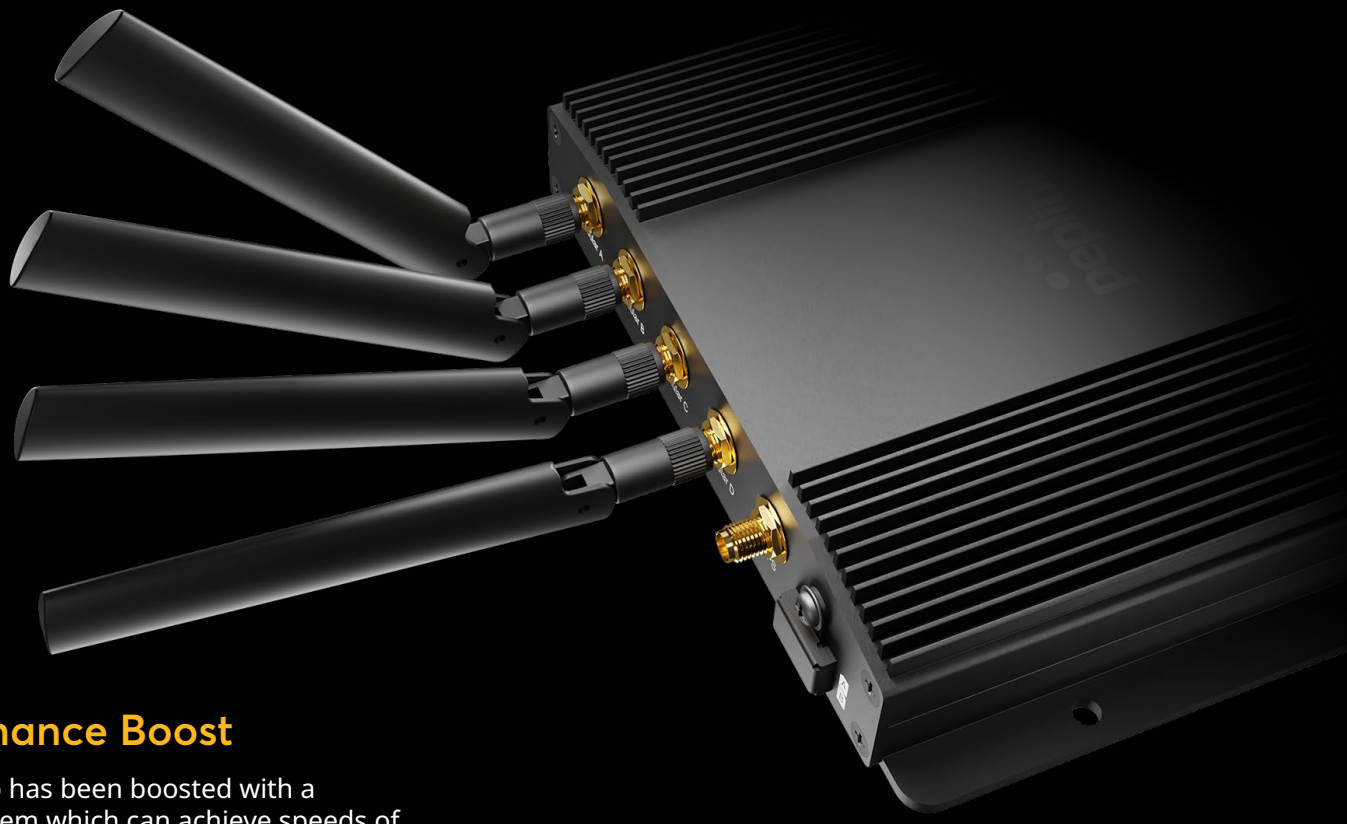
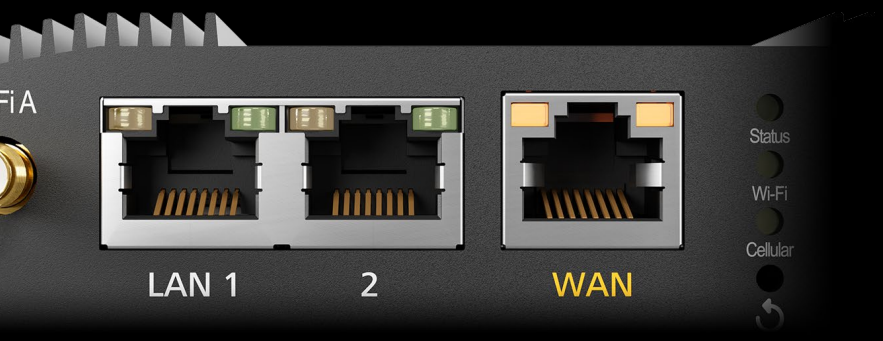
BR1 Pro (CAT-20)



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.

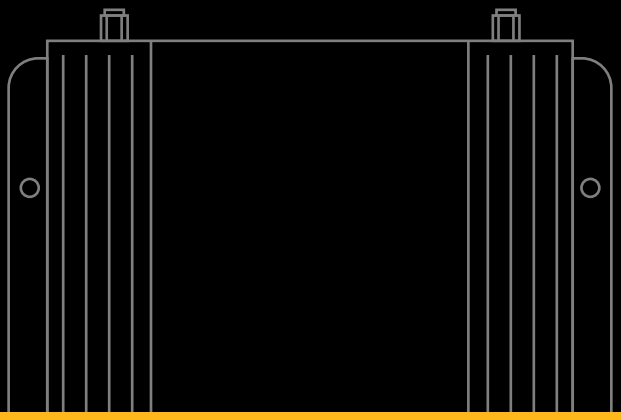


Hardcore Capabilities

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.



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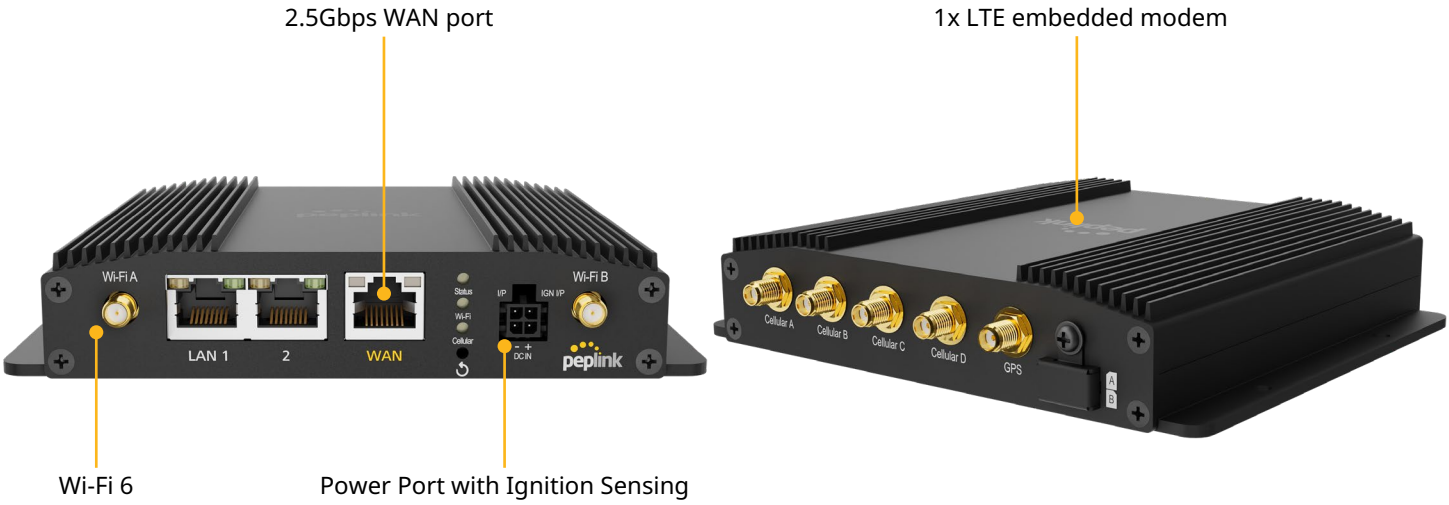
BR1 Pro (CAT-20)



Specifications

WAN Interface	1x 10/100/1000/2500M Ethernet [1] 1x LTE-A Pro Modem with Redundant SIM Slots
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
SpeedFusion features	Hot Failover, Smoothing, Bandwidth Bonding
Number of SpeedFusion VPN Peers	2 / 5 / 10 / 20 [2]
Features	Drop-in Mode Load Balancing/Failover Ignition Sensing
Router Throughput	1 Gbps
SpeedFusion VPN Throughput **- No Encryption** **- 256-bit AES**	 400 Mbps 200 Mbps
Recommended Users	1-150
AP Controller	Standard
Maximum Number of AP Supported	30 / 50 [3]
Cellular Data Rate [4] (Downlink/Uplink)	CAT-20: 2 Gbps / 211 Mbps
Antenna Connectors	4x SMA Cellular Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
Power Input	Power Port: 10V – 30V DC AC Adapter: AC Input 100V–240V / DC Output 12V
Power Consumption	8 W (nominal), 19 W (max.)
Dimension	5.78 x 5.08 x 1.15 inches / 146.8 x 129 x 29.3 mm
Weight	1.5 pounds / 680 grams
Operating Temperature	-40°– 149°F / -40°– 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS E-Mark (Motor Vehicle) EN 61373 Shock and Vibration Resistance EN 50155 Railway Applications - Electronic Equipment used on Rolling Stock EN 61000 Electromagnetic Compatibility EN 45545-2 Railway applications - Fire protection
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)
SIM Options	Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles) [5]
Warranty	1-Year Limited Warranty

[1] The WAN port can act as a LAN port if needed.
[2] 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription. 10 or 20 SpeedFusion VPN peers can be enabled with software license (PVN-LC-10 and PVN-LC-20).
[3] Available as a licence add-on (AP-LC-50).
[4] Theoretical maximum data rates.
[5] Available with Firmware 8.4.0 or above.

Specifications are subject to change without notice.

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BR1 Pro (CAT-20)

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* *US Carrier Certifications: **AT&T, T-Mobile, Verizon (C-Band), FirstNet**	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	B1, B2, B4, B5, B8, B9

Featured Add-on

Product Code	Description
PRM-B-1Y / PCP-B-1Y	PrimeCare B / PrimeCare+ B (1-Year)
PRM-B-2Y / PCP-B-2Y	PrimeCare B / PrimeCare+ B (2-Year)
PRM-B-4Y / PCP-B-4Y	PrimeCare B / PrimeCare+ B (4-Year)
ACW-634	10ft DC Power Cable
ACW-643	Vehicle Cigarette to Molex Power Cable
ACW-791	4-Pin Micro-Fit to USB-C Power Cable
ANT-MB-42G-S-W-6	Mobility 42G - 4x4 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (White)
ANT-MB-42G-S-B-6	Mobility 42G - 4x4 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (Black)
ANT-MAX	Antenna MAX - Enclosed with 4x LTE/5G, 2x Wi-Fi, 1x GPS 600-6000MHz, IP67, SMA male (Cellular, GPS), RP-SMA male (Wi-Fi), White

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