MAX 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 8 times faster than the original BR1 classic.
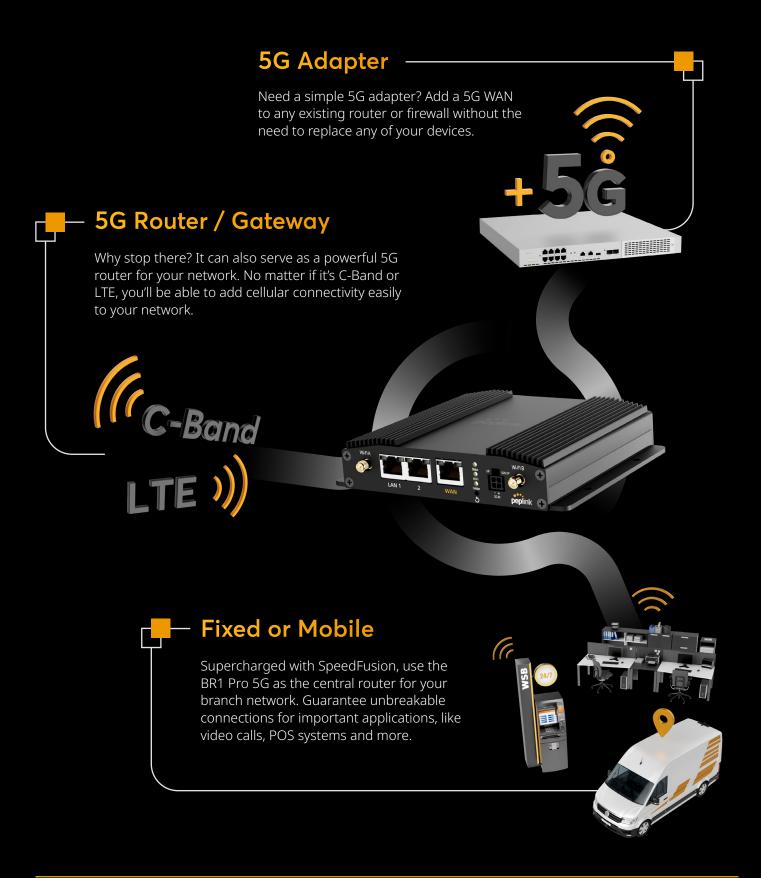
Ultimate 5G Speed

Blazing Fast Wi-Fi 6

MAX BR1 Pro 5G

peplink

Why Settle For An Adapter
When You Can Get The Full Suite?

5G Adapter

Need a simple 5G adapter? Add a 5G WAN to any existing router or firewall without the need to replace any of your devices.

+5G

5G Router / Gateway

Why stop there? It can also serve as a powerful 5G router for your network. No matter if it's C-Band or LTE, you'll be able to add cellular connectivity easily to your network.

C-Band

LTE

Fixed or Mobile

Supercharged with SpeedFusion, use the BR1 Pro 5G as the central router for your branch network. Guarantee unbreakable connections for important applications, like video calls, POS systems and more.

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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.

FC

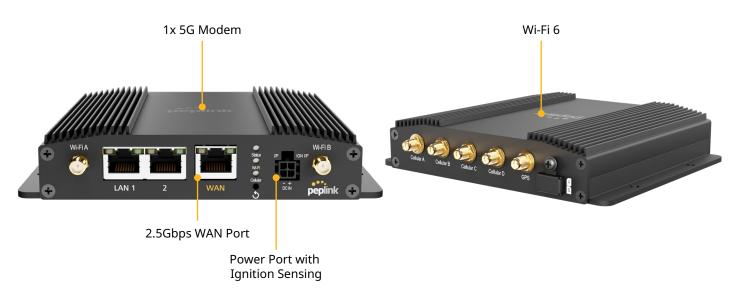CE

RoHS

E

EN 61373

EN 50155

EN 61000

Low-Profile Form Factor

At 1.15 inches short, the BR1 Pro 5G is 25% slimmer than the BR1 Classic.

Cellular A   Cellular B   Cellular C   Cellular D   GPS

1.15 inches

5.08 inches

5.78 inches

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1x 5G Modem

Wi-Fi 6

2.5Gbps WAN Port

Power Port with Ignition Sensing

Wi-Fi A   LAN 1   2   WAN   Status   I/P   IGN I/P   Wi-Fi B   peplink
Wi-Fi   - + DC IN
Cellular

Cellular A   Cellular B   Cellular C   Cellular D   GPS

Specifications

WAN Interface	1x 10/100/1000/2500M 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, Smoothing, Bandwidth Bonding	**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 [2]	**Weight**	1.5 pounds / 680 grams
		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 EN45545-2 Railway applications - Fire protection
SpeedFusion Throughput (256-bit AES)	200 Mbps		
Recommended Users	1-150		
AP Controller	Standard	**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)
Maximum Number of AP Supported	30 / 50 [3]		
Cellular Data Rate [4] (Downlink / Uplink)	5G: 3.4 Gbps / 900Mbps CAT-20: 1.6 Gbps / 200 Mbps	**SIM Options**	Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles) [5]
		Warranty	1-Year Limited Warranty

[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] Available as a licence add-on (AP-LC-50).
[4] Maximum theoretical data rates.
[5] Available with Firmware 8.4.0 or above

Specifications are subject to change without notice.

MAX BR1 Pro 5G

Ordering Information

Product Code	Regions	5G Bands	LTE Bands
MAX-BR1-PRO-5GN-T-PRM Embedded Modem(s): **1x 5G**	Global* *US Carrier Certifications: **AT&T, T-Mobile, Verizon (C-Band), FirstNet**	**5G (NSA & SA) Sub 6Ghz:** n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n76, 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, B43, B46, B48, B66, B71
MAX-BR1-PRO-5GD-T-PRM Embedded Modem(s): **1x 5G**	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

Featured Add-ons

Product Code	Description
PRM-C-1Y / PCP-C-1Y	PrimeCare C / PrimeCare+ C (1-Year)
PRM-C-2Y / PCP-C-2Y	PrimeCare C / PrimeCare+ C (2-Year)
PRM-C-4Y / PCP-C-4Y	PrimeCare C / PrimeCare+ C (4-Year)
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)
MAX-BR1-ADV	IPsec X.509 Certificate License Key

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Deep Dive

Software	Pepwave MAX Firmware	**Global Positioning System**	Integrated GPS
			Device Location Map
WAN	Support for PPPoE, Static IP, DHCP		Location Tracking Data with InControl 2
	WAN Link Health Check		Fleet Management with InControl 2
	Bandwidth Allowance Monitor		
	Support for Dynamic DNS services	**Networking**	NAT and IP Forwarding
	WAN Port Convertible into LAN Port		Static Routes
			Port Forwarding
LAN	DHCP Server for LAN Clients		Many to One, One to One NAT
	Extended DHCP Option		NAT Pool
	DHCP Reservation		SIP ALG, H.323 ALG
	DNS Proxy for LAN Clients		UPnP, NAT-PMP
	VLAN on LAN Support		
		AP Controller	Support for Pepwave AP Series
Security	Stateful Firewall		Auto AP Discovery
	DoS Prevention		Auto AP Firmware Management
	Web Blocking		AP Profile Configuration
			Wi-Fi Usage Statistics
Complete VPN Solution	SpeedFusion VPN/SpeedFusion		
	• Hot Failover	**Captive Portal Support**	Support for Wired and Wireless LAN clients
	• Site-to-Site VPN		Support RADIUS Authentication
	• 256-bit AES Encryption		Time and Usage Quotas on Open Access Mode
	• Pre-shared Key Authentication		Built-in Customizable Splash Page
	• Dynamic Routing		
	X.509 Certificate Support *	**Device Management**	Web Administrative Interface
	IPsec VPN (Network-to-Network) ^		Command Line Interface
			InControl Cloud Management
Advanced QoS	Individual Bandwidth Limit		Email Notification
	Application Prioritization		Active Client & Session Lists
	• SIP, HTTPS, VPN QoS		Bandwidth Usage Statistics
	• Custom Application QoS		Syslog Service
			SNMP v1, v2c and v3

* Feature is available as an upgrade (MAX-BR1-ADV).
^ IPsec VPN supports connection with Cisco, Juniper, Peplink, or Pepwave devices.