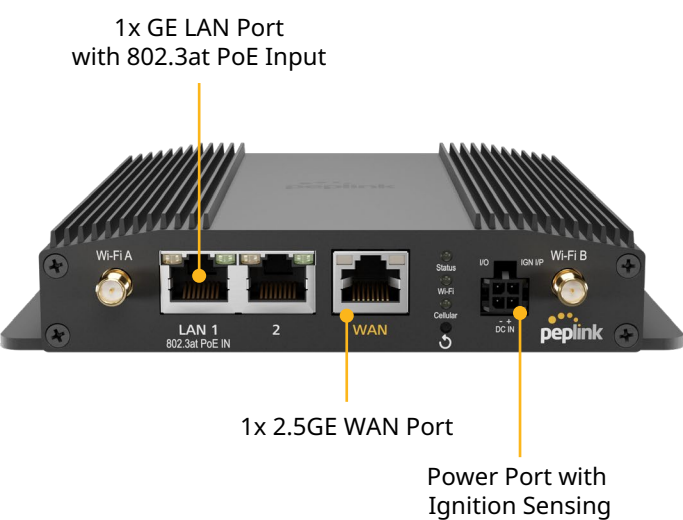


BR1 Pro 5G (HW3)



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 Power Port: 10V – 30V DC Power over Ethernet 802.3at
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 5.52 x 1.15 inches / 146.8 x 140.3 x 29.3 mm
Number of SpeedFusion VPN Peers	2 / 5 / 10 / 20 ²	Weight	1.59 pounds / 720 grams
Router Throughput	1Gbps	Operating Temperature	-40° – 149°F / -40° – 65°C
SpeedFusion Throughput (No Encryption)	400 Mbps	Humidity	15% – 95% (non-condensing)
SpeedFusion Throughput (256-bit AES)	200 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
Recommended Users	1-150	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)
AP Controller	Standard	SIM Options	Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles) RemoteSIM from SIM Injector ⁵ FusionSIM ⁵
Maximum Number of AP Supported	30 / 50 ³		
Cellular Data Rate ⁴ (Downlink / Uplink)	5G: 4.1Gbps / 900Mbps CAT-20: 2Gbps / 211Mbps		
Edge Computing	Docker (8GB Internal Storage)		

¹ Ethernet ports include surge and ESD protection circuits to protect against over-voltage transients.
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 Maximum theoretical data rates.
⁵ RemoteSIM and FusionSIM compatible with hardware version 2 or above.

Ordering Information

Product Code	Regions	5G Bands	LTE Bands
MAX-BR1-PRO-5GK-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, 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

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 / 3m DC Power Cable
ACW-643	Vehicle Cigarette to Molex Power Cable
ACW-791	Peplink 4-Pin Micro-Fit to USB-C Power Cable
ANT-MB-42G-S-B-6	Mobility 42G - 4x4 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (Black)
ANT-MB-42G-S-W-6	Mobility 42G - 4x4 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (White)
MAX-BR1-ADV	IPsec X.509 Certificate License Key

Deep Dive

Software	Pepwave MAX Firmware	Global Positioning System	Integrated GPS Device Location Map Location Tracking Data with InControl 2 Fleet Management with InControl 2
WAN	Support for PPPoE, Static IP, DHCP WAN Link Health Check Bandwidth Allowance Monitor Support for Dynamic DNS services WAN Port Convertible into LAN Port	Networking	NAT and IP Forwarding Static Routes Port Forwarding Many to One, One to One NAT NAT Pool SIP ALG, H.323 ALG UPnP, NAT-PMP
LAN	DHCP Server for LAN Clients Extended DHCP Option DHCP Reservation DNS Proxy for LAN Clients VLAN on LAN Support	AP Controller	Support for Pepwave AP Series Auto AP Discovery Auto AP Firmware Management AP Profile Configuration Wi-Fi Usage Statistics
Security	Stateful Firewall DoS Prevention Web Blocking	Captive Portal Support	Support for Wired and Wireless LAN clients Support RADIUS Authentication Time and Usage Quotas on Open Access Mode Built-in Customizable Splash Page
Complete VPN Solution	SpeedFusion VPN/SpeedFusion <ul style="list-style-type: none">Hot FailoverSite-to-Site VPN256-bit AES EncryptionPre-shared Key AuthenticationDynamic Routing X.509 Certificate Support * IPsec VPN (Network-to-Network) ^	Device Management	Web Administrative Interface Command Line Interface InControl Cloud Management Email Notification Active Client & Session Lists Bandwidth Usage Statistics Syslog Service SNMP v1, v2c and v3
Advanced QoS	Individual Bandwidth Limit Application Prioritization <ul style="list-style-type: none">SIP, HTTPS, VPN QoSCustom Application QoS		

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