



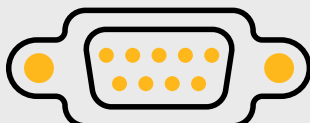
# MAX BR2 Pro

Designed for Pros, by Pros.



## Faster, Wider, Stronger

The BR2 Pro is not just designed to be tough. Its dual 5G connections, Wi-Fi 6 and PoE input ensure an unbreakable connection in any scenario.



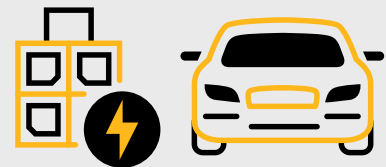
## Peace of Mind

With so many WAN options, the BR2 Pro can seamlessly failover to guarantee your flow of data, even during the most critical circumstances. The Gigabit routing speed and serial port for OOBM allow versatility for any SD-WAN deployment.



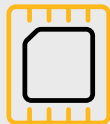
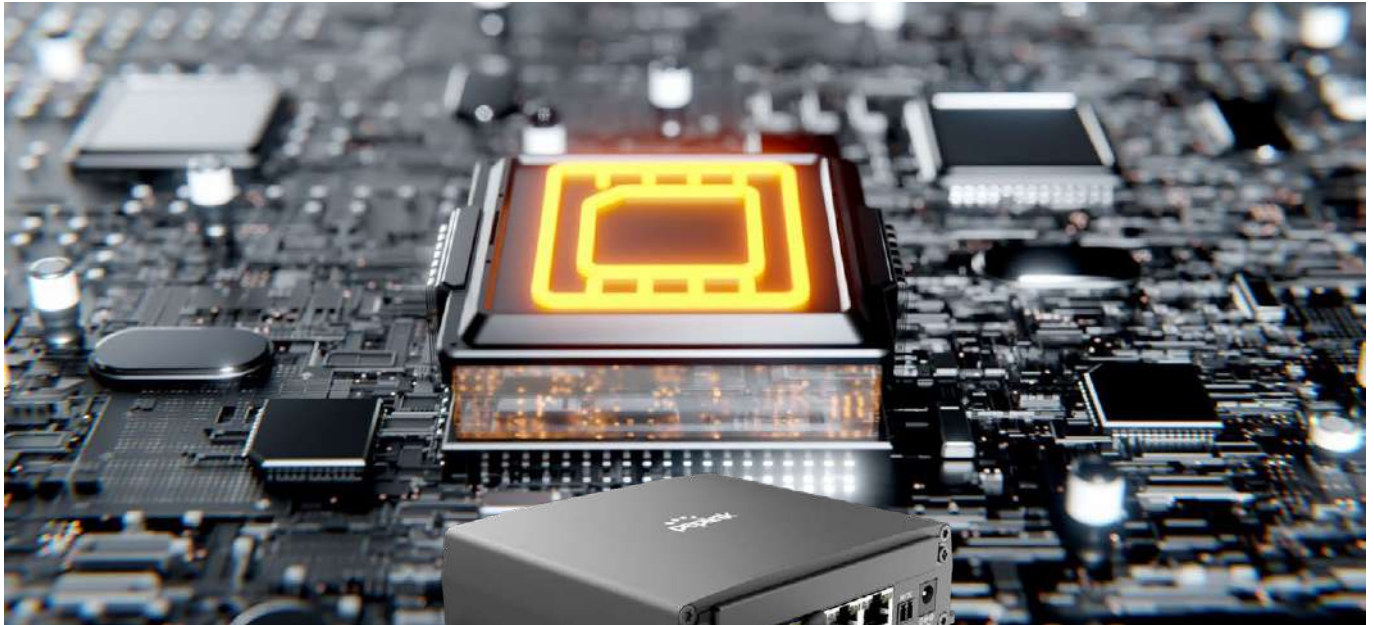
## Made for Vehicle applications

Secure your power source in mobile environments with the Molex Micro-Fit power connector. The wide input power range along with Ignition Sensing capabilities makes this a sure fit for your vehicle installs.



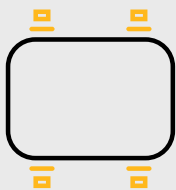
## Effortless Cellular Extension

With the PoE input feature, the BR2 Pro can seamlessly extend your existing SD-WAN infrastructure to provide dual LTE/5G connectivity. One cable for both power and data, it's that simple.



### SIM-plicity as always

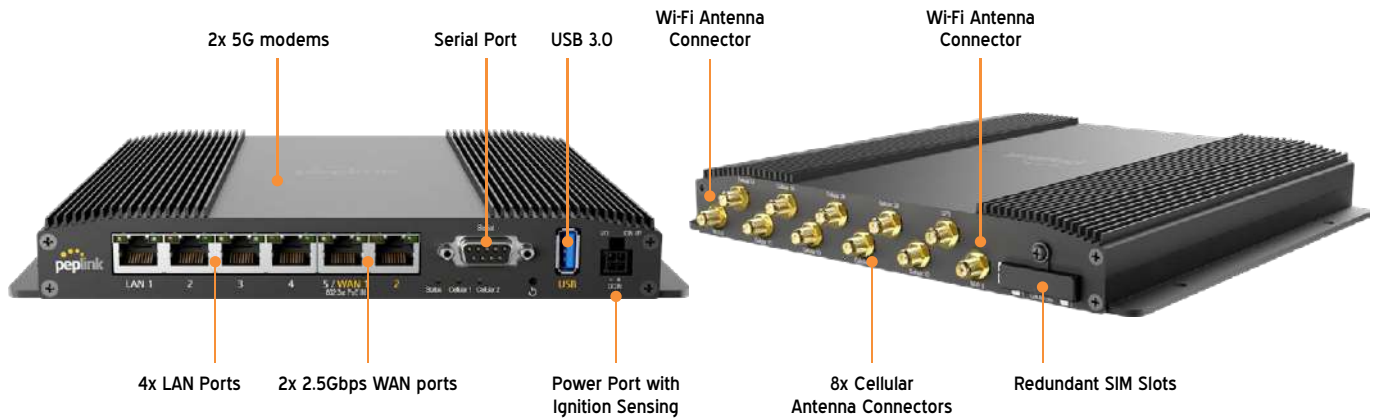
Built-in eSIM and SIM Injector support, the BR2 Pro maximises your possibilities with flexible remote SIM management.



### Oh, So Many WANs

Complement any SD-WAN deployment with the Dual Ethernet WANs, Dual 5G/LTE, USB WAN, and Wi-Fi WAN. Not enough WANs? Add the MAX Adapter 5G for an instant third 5G connection. Literally, all the WANs to keep you going.





## SPECIFICATIONS

- **WAN Interface:** 2x 10/100/1000/2500M Ethernet<sup>1</sup>, 2x 5G Modems with Redundant SIM Slots, 1x USB 3.0 Interface
- **LAN Interface:** 4x 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, WAN Smoothing, Bandwidth Bonding
- **Number of PepVPN:** 2 / 5<sup>2</sup>
- **Features:** Drop-in Mode, Load Balancing/Failover, Ignition Sensing
- **Router Throughput:** 1 Gbps
- **PepVPN Throughput (No Encryption):** 400 Mbps
- **PepVPN Throughput (256-bit AES):** 200 Mbps
- **Recommended Users:** 1 - 150
- **AP Controller:** Standard
- **Maximum Number of AP Supported:** 30 / 50<sup>3</sup>
- **Cellular Data Rate<sup>4</sup> (Downlink/Uplink):**  
5G: 3.4 Gbps / 900 Mbps,  
CAT-20: 1.6 Gbps / 200 Mbps
- **Antenna Connector:** 8x SMA Cellular Antenna Connectors, 2x RP-SMA Wi-Fi Antenna Connectors, 1x SMA GPS Antenna Connector
- **Power Input:** AC Adapter: AC Input 100V-240V / DC Output 12V DC 10-30V  
Passive PoE 48-56V  
802.3at PoE<sup>5</sup>
- **Power Consumption:** 12W (nominal), 30W (max.)
- **Dimensions:** 218 x 195 x 29.5 mm
- **Weight:** 1.1 kg
- **Operating Temperature:** -40° – 65°C
- **Humidity:** 15% – 95% (non-condensing)
- **Certifications<sup>5</sup>:** FCC, CE, RoHS, E-Mark (Motor Vehicle), EN 61373 Shock and Vibration Resistance, EN 50155 Railway Applications, EN 61000 Electromagnetic Compatibility
- **Warranty:** 1-Year Limited Warranty
- **Package Content:** 1x BR2 Pro, 1x 12V3A 4-Pin Power Supply (ACW-663) 8x LTE/5G Antennas (ACW-235) 2x Dual Band Wi-Fi Antennas (ACW-341) 1x GPS Antenna (ACW-232)
- **SIM Options:** Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles)<sup>6</sup> Remote SIM from SIM Injector<sup>7</sup> FusionSIM<sup>7</sup>

1. The WAN port can act as a LAN port if needed.
2. Requires PrimeCare Subscription, complementary for the first year.
3. Theoretical maximum data rates.
4. Available as a licence add-on (AP-LC-50).
5. 802.3at PoE port provide a power supply of 25W. If you require 30W of power budget (eg. using dual cellular WAN and USB WAN together), please empower the MAX BR2 Pro via the bundled power adapter (12V3A PSU, ACW-663), or the optional Passive PoE Injector Kit (ACW-111 + ACW-622).
6. Available with Firmware 8.4.0 or above.
7. RemoteSIM and FusionSIM compatible with hardware version 2 or above.



## ORDERING INFORMATION

Product Code	Region	Embedded Modem	5G Bands	LTE BANDS
MAX-BR2-PRO-5GD-T-PRM	Global	2x 5G	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

## FEATURE ADD-ON

Product Code	Description
PRM-E-1Y / PCP-E-1Y	PrimeCare E / PrimeCare+ E (1-Year)
PRM-E-2Y / PCP-E-2Y	PrimeCare E / PrimeCare+ E (2-Year)
PRM-E-4Y / PCP-E-4Y	PrimeCare E / PrimeCare+ E (4-Year)
ACW-634	10ft Direct Wire DC Cable
ACW-111	PoE Adapter
ACW-622	PoE+ Activation Kit
ANT-MB-42G-S-W-6	7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White)
ANT-MB-42G-S-B-6	7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black)
MAX-BR1-ADV	IPsec X.509 Certificate License Key