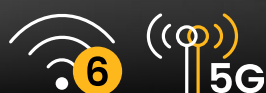




BR2 Pro

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.



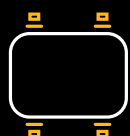
Effortless Cellular Extension

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-licity as always

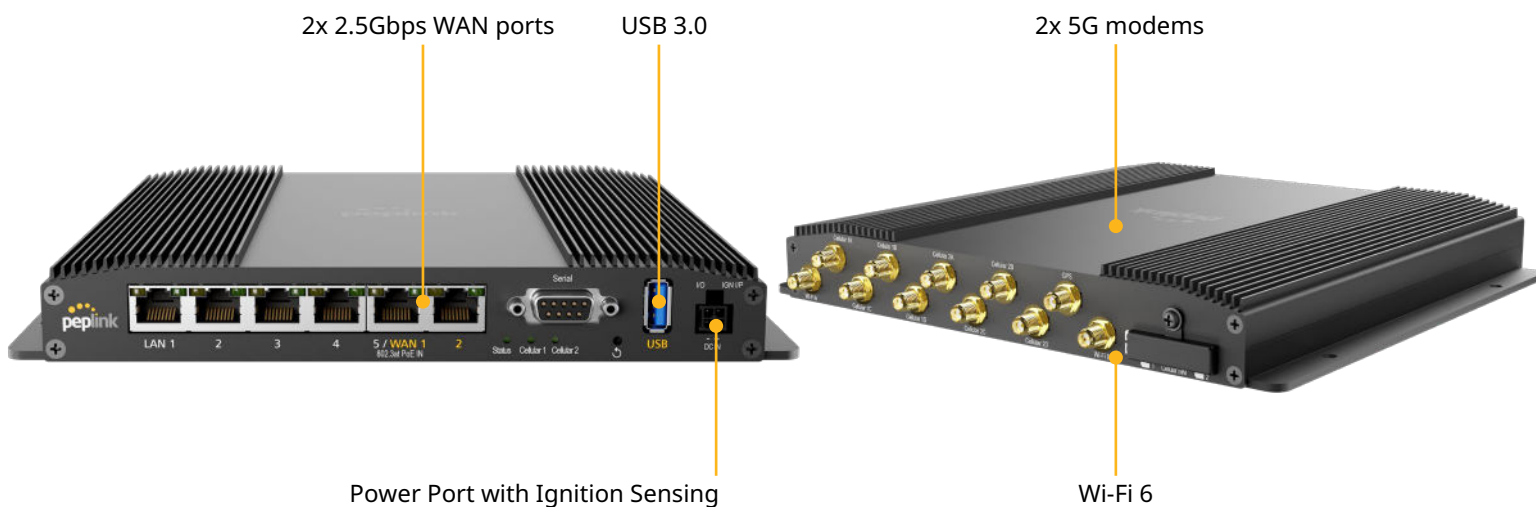
Built-in eSIM and SIM Injector support, the BR2 Pro maximizes your possibilities with flexible remote SIM management.



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 ¹ 2x 5G Modems with Redundant SIM Slots 1x USB 3.0 Interface | Antenna Connectors | 8x SMA Cellular Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector |
| LAN Interface | 4x 10/100/1000M Ethernet | Power Input | AC Adapter: AC Input 100V – 240V / DC Output 12V Power Port: 10V – 30V DC Passive PoE 48-56V Power over Ethernet 802.3at ⁵ |
| Wi-Fi Interface | Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6, 2X2 MU-MIMO Wi-Fi WAN and/or AP | Power Consumption | 12W (nominal), 30W (max.) |
| SpeedFusion features | Hot Failover, Smoothing, Bandwidth Bonding | Dimension | 8.58 x 7.68 x 1.61 inches / 218 x 195 x 29.5 mm |
| Number of SpeedFusion VPN Peers | 2 / 5 / 10 / 20 ² | Weight | 2.42 pounds / 1.1 kg |
| 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 - No Encryption - 256-bit AES | 400 Mbps 200 Mbps | Certifications | FCC, CE, RoHS E-Mark (Motor Vehicle) EN 61373 Shock and Vibration Resistance EN 50155 Railway Applications EN 61000 Electromagnetic Compatibility |
| Recommended Users | 1-150 | 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) |
| AP Controller | Standard | SIM Options | Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles per modem) ⁶ RemoteSIM from SIM Injector ⁷ FusionSIM ⁷ |
| Maximum Number of AP Supported | 30 / 50 ³ | Warranty | 1-Year Limited Warranty |
| Cellular Data Rate⁴ (Downlink/Uplink) | 5G: 4.1Gbps / 900Mbps CAT-20: 2Gbps / 211Mbps | | |

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 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 | Regions | 5G Bands | LTE Bands |
|---|--|---|--|
| MAX-BR2-PRO-5GN-T-PRM Embedded Modem(s): 2x 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-BR2-PRO-5GD-T-PRM Embedded Modem(s): 2x 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 |
| MAX-BR2-PRO-5GK-T-PRM Embedded Modem(s): 2x 5G | North America* *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-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 / 3m DC Power Cable |
| ACW-643 | Vehicle Cigarette to Molex Power Cable |
| ACW-791 | Peplink 4-Pin Micro-Fit to USB-C Power Cable |
| ACW-111 | PoE Adapter |
| ACW-622 | PoE+ Activation Kit |
| 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-MB-82G-S-W-6 | Mobility 82G - 8x8 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (White) |
| MAX-BR1-ADV | IPsec X.509 Certificate License Key |