

BR2 Micro



TAA COMPLIANT

Micro Router, Mighty Connectivity
A tiny dual-cellular router that can fit anywhere

Unbreakable cellular connectivity in the smallest footprint possible



Dual-cellular modems



Built-in routing




SpeedFusion technology
for high reliability connections

Reliable routing that fits virtually anywhere

Smaller than a stack of 3 decks of cards,
the BR2 Micro fits where no others can.

Ethernet or USB-C
data connections



Instant configurability

Built-in eSIM enables zero-touch provisioning, configuration and management.



Remote device management with Peplink **InControl** and **InTouch** eliminates the need for pre-staging configurations.

Ruggedized metal enclosure
with flexible, low power options

Operates across wide
temperature ranges

-40°F – 149°F / -40°C – 65°C

Fanless design

Low power consumption with
a **USB-C power input** option





Specifications

| | | | |
|---|--|------------------------------|--|
| WAN Interface | 1x 10/100/1000M Ethernet ¹ 2x Embedded Cellular Modems | Antenna Connectors | 4x MMCX Cellular Antenna Connectors 1x MMCX GPS Antenna Connector |
| LAN Interface | 1x 10/100/1000M Ethernet ¹ 1x USB-C ² | Power Input | AC Adapter: AC Input 100V-240V / DC Output 12V Power Port: 10V - 30V DC USB-C Port: 9V DC |
| SpeedFusion Features ³ | Hot Failover, Smoothing, Bandwidth Bonding | Power Consumption | 8W (nominal) , 13W (max.) |
| No. of SpeedFusion VPN Peers | 2 / 5 ³ | Dimension | 2.99 x 3.25 x 1.69 inches / 76 x 83 x 43 mm |
| Router Throughput | 300Mbps | Weight | 0.77 pounds / 350 grams |
| SpeedFusion VPN Throughput - No Encryption - 256-bit AES | 80Mbps 60Mbps | Operating Temperature | -40° - 149°F / -40° - 65°C |
| Recommended Users | 1 - 60 | Humidity | 15% - 95% (non-condensing) |
| Cellular Data Rate ⁴ (Downlink/Uplink) | CAT-4: 150 Mbps / 50 Mbps CAT-7: 300 Mbps / 150 Mbps CAT-12: 600 Mbps / 150 Mbps | Certifications | FCC, CE, RoHS EN 61000 Electromagnetic Compatibility |
| | | Package Content | 1x BR2 Micro 1x 12V 2A 4 Pin Power Supply (ACW-632) 1x USB-C to USB-C Cable with Screw Locking (ACW-820) 1x USB-C to USB-A Adapter (ACW-822) 4x M2.5 x 3mm Screws 1 pair of Mounting Brackets |
| | | SIM Option | Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles per modem) RemoteSIM from SIM Injector FusionSIM |
| | | Warranty | 1-Year Limited Warranty |

¹ WAN port can be configured as LAN port via the Web Admin.

² The USB-C LAN interface is equipped with Ethernet to USB Adapter based on the AX88179 chipset, enabling virtual Ethernet connectivity for any device through a USB connection. Please ensure the appropriate drivers are installed.

³ Requires a PrimeCare subscription, complimentary for the first year.

⁴ Theoretical maximum data rates.

Ordering Information

| Product Code | Regions [^] | LTE Bands | 3G Bands |
|---|--|---|---------------------------------|
| MAX-BR2-MICRO-LTEA-Q-PRM Embedded Modem(s): 2x CAT-12 | Global | B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B38, B39, B40, B41, B42, B43, B48, B66, B71 | B1, B2, B4, B5, B6, B8, B9, B19 |
| MAX-BR2-MICRO-LTEA-E-PRM Embedded Modem(s): 2x CAT-7 | APAC, EMEA | B1, B3, B7, B8, B20, B28, B32, B38, B40, B41, B42, B43 | B1, B5, B8 |
| MAX-BR2-MICRO-LTE-US-PRM Embedded Modem(s): 2x CAT-4 | North America* *US Carrier Certifications: AT&T, T-Mobile, Verizon, FirstNet | B2, B4, B5, B12, B13, B14, B66, B71 | B2, B5 |
| MAX-BR2-MICRO-LTE-E-PRM Embedded Modem(s): 2x CAT-4 | APAC, EMEA | B1, B3, B5, B7, B8, B20, B38, B40, B41 | B1, B5, B8 |

[^] Regions are for reference only. For specific location compatibility, please refer to the bands.

Featured Add-ons

| 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 / 3m DC Power Cable |
| ACW-643 | Vehicle Cigarette to Molex Power Cable |
| ACW-791 | Peplink 4-Pin Micro-Fit to USB-C Power Cable |
| BR2-MICRO-ACW-KIT | BR2 Micro Accessory Kit <ul style="list-style-type: none"> • 4x 3m MMCX to SMA-F Magnetic Cellular Antenna Base (ACW-414) • 1x 5m MMCX Magnetic GPS Antenna (ACW-415) • 4x Cellular Antenna (ACW-237) |