

Fully Optimized for Telemetry

# BR1 Mini Core

# Mini Core



**TAA**  
COMPLIANT

## High Level of Security Compliance

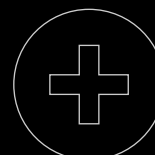
Designed with strict security compliance in mind, we've tailor-made the device to exclude Wi-Fi & GPS functionality, making it great for networks that require a highly secure connection.



Government



Military



Public Safety &  
Emergency Services



Finance

## Full GPIO functionality

Seamlessly integrate telemetry devices into your network with the BR1 Mini Core's built-in I/O functionality.

## Power through AC/DC

Now available for purchase with DC cables, we aim to make it easy for our users to sync up all their devices with zero hassle.

## Certified safe for work

With UL and Class 1 Division 2 certifications, among many others, the BR1 Mini Core is ready to handle demanding setups.





Specifications

WAN Interface	1x 10/100/1000M Ethernet <sup>1</sup> 1x Embedded Cellular Modem with Redundant SIM Slots	Antenna Connectors	2x SMA Cellular Antenna Connectors
LAN Interface	2x 10/100/1000M Ethernet	Power Input	Power Port: 10V – 30V DC AC Adapter: AC Input 100V–240V / DC Output 12V
SpeedFusion features	Hot Failover <sup>1</sup> / Smoothing <sup>1</sup> / Bandwidth Bonding <sup>1 2</sup>	Power Consumption	10W (nominal), 16W (max.)
Number of PepVPN SpeedFusion Peers	2 / 5 <sup>3</sup>	Dimension	5.0 x 4.2 x 1.4 inches / 125.7 x 107 x 35 mm
Feature	GPIO	Weight	0.95 pounds / 430 grams
Router Throughput	300Mbps	Operating Temperature	-40° – 149°F / -40° – 65°C
PepVPN Throughput (No Encryption)	80Mbps	Humidity	15% – 95% (non-condensing)
PepVPN Throughput (256-bit AES)	60Mbps	Certifications	FCC, CE, RoHS UL+CUL (62368-1) UL 121201 (Class I and Division 2)
Recommended Users	1-60	Package Content	1x BR1 Mini Core 2x LTE Antennas (ACW-235) 1x 12V 2A 4pin Power Supply (ACW-632)
Cellular Data Rate <sup>4</sup> (Downlink/Uplink)	CAT-7: 300 Mbps/150 Mbps CAT-4: 150 Mbps/50 Mbps	SIM Options	Nano-SIM (4FF) Peplink eSIM <sup>5</sup> BYO eSIM (2 profiles) <sup>2 5</sup>
		Warranty	1-Year Limited Warranty

<sup>1</sup> Available with PrimeCare subscription or a feature pack add-on license.  
<sup>2</sup> Available with Firmware 8.4.0 or above.  
<sup>3</sup> Requires a PrimeCare subscription, complimentary for the first year.  
<sup>4</sup> Maximum theoretical data rate.  
<sup>5</sup> Models with selected SKU support eSIM. Details can be found [here](#).

Specifications are subject to change without notice.

Ordering Information

Product Code	Regions	LTE Bands	3G Bands
MAX-BR1-MINI-LTEA-US-T-M-PRM Embedded Modem(s): 1x CAT-7	North America*  *US Carrier Certifications: AT&T, FirstNet, T-Mobile, Verizon	B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B42, B43, B48, B66, B71	WCDMA/HSPA+/DC-HSPA+: B2, B4, B5
MAX-BR1-MINI-LTE-US-T-M-PRM Embedded Modem(s): 1x CAT-4	North America*  *US Carrier Certifications: AT&T, FirstNet, T-Mobile, Verizon	B2, B4, B5, B12, B13, B14, B66, B71	WCDMA/HSPA+/DC-HSPA+: B2, B5
MAX-BR1-MINI-LTE-E-T-M-PRM Embedded Modem(s): 1x CAT-4	APAC, EMEA	B1, B3, B5, B7, B8, B20, B38, B40, B41	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8
MAX-BR1-MINI-LTE-MX-T-M-PRM Embedded Modem(s): 1x CAT-4	APAC, Latin America, Australia	B1, B2, B3, B4, B5, B7, B8, B28, B40	WCDMA/HSPA+/DC-HSPA+: B1, B2, B5, B8

Featured Add-on

Product Code	Description
PRM-A-1Y / PCP-A-1Y	PrimeCare A / PrimeCare+ A (1-Year)
PRM-A-2Y / PCP-A-2Y	PrimeCare A / PrimeCare+ A (2-Year)
PRM-A-4Y / PCP-A-4Y	PrimeCare A / PrimeCare+ A (4-Year)
MAX-BR1-MINI-LC-FP	Feature pack for BR1 Mini Core enables Ethernet WAN, Hot Failover, WAN Smoothing
ANT-MB-20G-S-B-6	Mobility 20G - 2x2 MIMO Cellular Antenna System with GPS (Black)
ANT-MB-20G-S-W-6	Mobility 20G - 2x2 MIMO Cellular Antenna System with GPS (White)
ANT-SLM-22G-S-B-6	Slim 22G - 2x2 MIMO Cellular and Wi-Fi Antenna System with GPS (Black)
ACW-634	10ft/3m DC Power Cable
ACW-643	Vehicle Cigarette to Molex Power Cable
ACW-791	Peplink 4-Pin Microfit to USB-C Power Cable
ACW-DIN-BR1-MINI	DIN Rail mount kit