

Fully Optimized for Telemetry



# BR1 Mini Core

# Mini Core



## High Level of Security Compliance

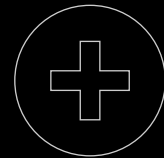
Designed with strict security compliance in mind, we've tailor-made the device to exclude Wi-Fi & GPS functionality, making it great for networks that require a highly secure connection.



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

<b>WAN Interface</b>	1x 10/100/1000M Ethernet <sup>1</sup> 1x Embedded Cellular Modem with Redundant SIM Slots	<b>Antenna Connectors</b>	2x SMA Cellular Antenna Connectors
<b>LAN Interface</b>	2x 10/100/1000M Ethernet	<b>Power Input</b>	Power Port: 10V – 30V DC AC Adapter: AC Input 100V–240V / DC Output 12V
<b>SpeedFusion features</b>	Hot Failover <sup>1</sup> / WAN Smoothing <sup>1</sup>	<b>Power Consumption</b>	10W (nominal), 16W (max.)
<b>Number of PepVPN SpeedFusion Peers</b>	2 / 5 <sup>2</sup>	<b>Dimension</b>	5.0 x 4.2 x 1.4 inches / 125.7 x 107 x 35 mm
<b>Feature</b>	GPIO	<b>Weight</b>	0.95 pounds / 430 grams
<b>Router Throughput</b>	300Mbps	<b>Operating Temperature</b>	-40° – 149°F / -40° – 65°C
<b>PepVPN Throughput (No Encryption)</b>	80Mbps	<b>Humidity</b>	15% – 95% (non-condensing)
<b>PepVPN Throughput (256-bit AES)</b>	20 Mbps / 60Mbps <sup>3</sup>	<b>Certifications</b>	FCC, CE, RoHS UL+CUL (62368-1) UL 121201 (Class I and Division 2)
<b>Recommended Users</b>	1-60	<b>Package Content</b>	1x BR1 Mini Core 2x LTE Antennas (ACW-235) 1x 12V 2A 4pin Power Supply (ACW-632)
<b>Cellular Data Rate<sup>3</sup> (Downlink/Uplink)</b>	CAT-4: 150 Mbps/50 Mbps	<b>SIM Card Size</b>	Nano-SIM (4FF)
		<b>Warranty</b>	1-Year Limited Warranty

<sup>1</sup> Available with a feature pack add-on license.

<sup>2</sup> Requires a PrimeCare subscription, complimentary for the first year.

<sup>3</sup> Maximum theoretical data rate.

Specifications are subject to change without notice.

## Ordering Information

Product Code	Regions	LTE Bands	3G Bands
MAX-BR1-MINI-LTE-US-T-M-PRM Embedded Modem(s): 1x CAT-4	Primary: 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

## Featured Add-on

Product Code	Description
PRM-MAX-BR1-MINI-1Y	1-Year PrimeCare for BR1 Mini Core
PRM-MAX-BR1-MINI-2Y	2-Year PrimeCare for BR1 Mini Core
PRM-MAX-BR1-MINI-4Y	4-Year PrimeCare for BR1 Mini Core
MAX-BR1-MINI-LC-FP	Feature pack for BR1 Mini Core enables Ethernet WAN, Hot Failover, WAN Smoothing
ACW-634	10ft DC Power Cable
ACW-DIN-BR1-MINI	DIN Rail Mount