BR1 Mini Core

peplink

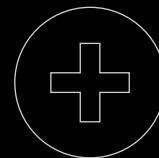## High Level of Security Compliance

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.

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Power Port with GPIO

1x LTE Modem

1x GE WAN/LAN port [1]

Specifications

WAN Interface	1x 10/100/1000M Ethernet [1] 1x Embedded Cellular Modem with Redundant SIM Slots	**Antenna Connectors**	2x SMA Cellular Anetenna 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 [1] / Smoothing [1] / Bandwidth Bonding [1][2]	**Power Consumption**	10W (nominal), 16W (max.)
Number of PepVPN SpeedFusion Peers	2 / 5 [3]	**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 [4] (Downlink/Uplink)	CAT-7: 300 Mbps/150 Mbps CAT-4: 150 Mbps/50 Mbps	**SIM Options**	Nano-SIM (4FF) Peplink eSIM [5] BYO eSIM (2 profiles) [2][5]
		Warranty	1-Year Limited Warranty

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

Specifications are subject to change without notice.

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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