peplink

BR1 Mini

BR1 Mini

Durable. Unbeatable Price Performance.

5

300 Mbps

GE

GPS

Class 1 Division 2

CLASSIFIED C UL US

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ref: 2306 - v47

BR1 Mini

Just one remarkable device

Engineered with the highest quality build in mind. Sleek outside, yet ruggedized inside, this device has been built to withstand whatever deployment scenario thrown at it.

Stay in touch with InTouch

InTouch extends your reach to third party devices connected to the BR1 Mini. Remotely view, configure or troubleshoot third party devices, all within the InControl2 environment, eliminating the need for a separate and costly OOBM infrastructure.

Manage with confidence

Control the BR1 Mini using InControl2 cloud-based endpoint management system. Generate useful reports and push configurations, as you remotely access any Peplink device with ease.

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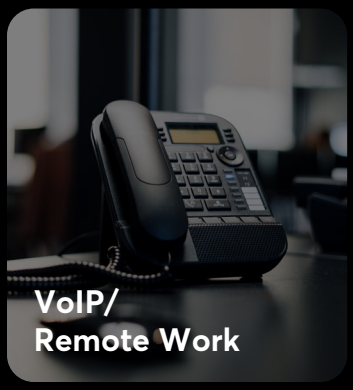
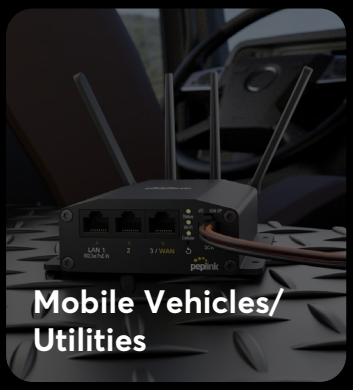
BR1 Mini

Use Cases





Why BR1 Mini?

Remote Access to Third Party Device Interface (InTouch)

Other Solutions		Our BR1 Mini
will require network engineers to maintain and be costly	VS	enables access to linked devices through a single platform

Seamless Connection Transfer Without Interruption (Hot Failover)

Other Solutions		Our BR1 Mini
will experience network interruptions	VS	provides seamless network connectivity

Option to Enable Additional Features (Optional Subscription)

Other Solutions		Our BR1 Mini
require licenses for features or otherwise lock the device	VS	offers an optional package inclusive of several features

Improve your Video and Collaboration (WAN Smoothing)

Other Solutions		Our BR1 Mini
may experience jitter and delays	VS	improves the quality of real-time applications such as Zoom / Teams

Private LTE Network Availability (CAT-7)

Other Solutions		Our BR1 Mini
operate within limited bands that don't have access to private LTE	VS	can operate within LTE bands dedicated to private LTE networks

Privately Hosted Management Platform (On-Premise Network)

Other Solutions		Our BR1 Mini
are managed only through cloud-based platforms	VS	can be managed through a platform hosted on private server hardware

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BR1 Mini

PrimeCare

Now Available on PrimeCare

Launching the BR1 Mini on PrimeCare^, giving the device prime access to InControl2, eSIM compatibilities*, increased VPN throughput, more PepVPN peers, WAN Activation, Wi-Fi WAN, Hot Failover, WAN Smoothing, and standard warranty & support.

InControl2

Warranty

eSIM*

Increased VPN Speeds

5 pepvpn Peers

Hot Failover

WAN Smoothing

Ignition Sensing

Wi-Fi WAN

Ethernet WAN

* Feature will be available soon.

^ With firmware 8.3.1, PrimeCare includes all feature pack features (WAN Activation, Wi-Fi WAN, Hot Failover & WAN Smoothing).

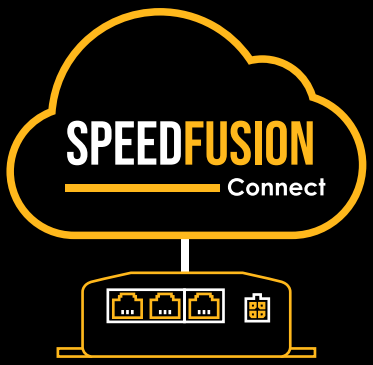
Plug and play, anyone?

SpeedFusion Connect* services makes the BR1 Mini the ultimate plug-and-play device. Power up, switch on, and get connected. SpeedFusion Connect also works with Peplink technologies such as Hot Failover^, ensuring reliable connectivity is accessible at all times.

Subscribe to SpeedFusion Connect Services

* SpeedFusion Connect is available in select countries and regions. Learn more.

^ Feature Pack is required to utilise the benefits of Peplink technology and services.



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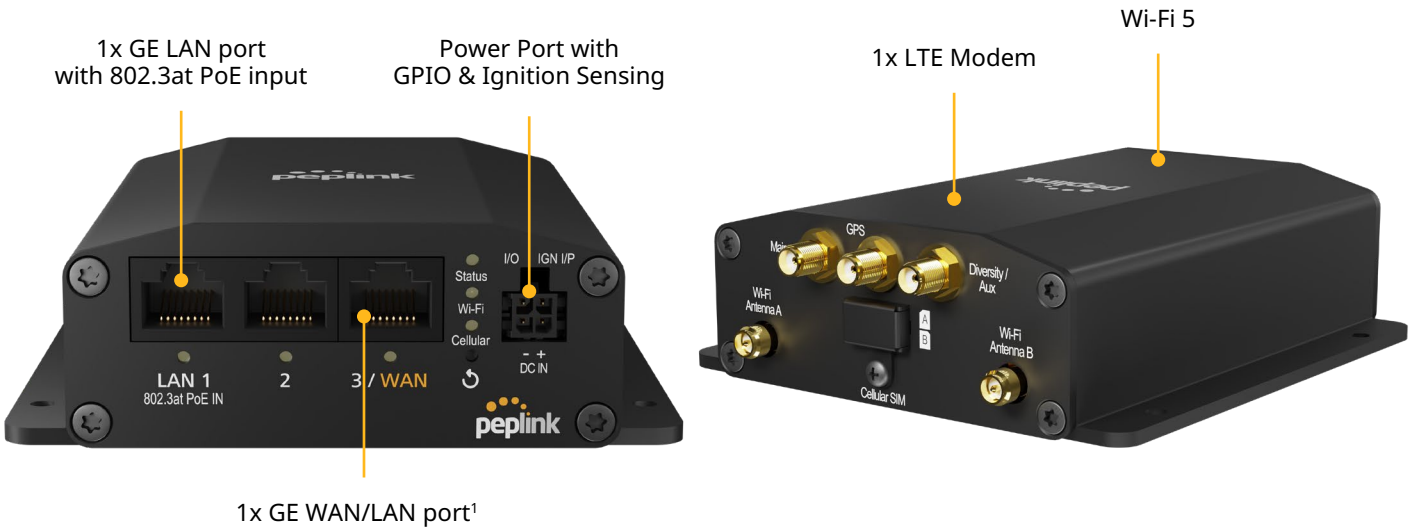
BR1 Mini



Specifications

WAN Interface	1x 10/100/1000M Ethernet[1] 1x Embedded Cellular Modem with Redundant SIM Slots
LAN Interface	2x 10/100/1000M Ethernet
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 5, 2X2 MIMO Wi-Fi WAN[1] and/or AP
SpeedFusion features	Hot Failover[1] / WAN Smoothing[1]
Number of SpeedFusion VPN Peers	2 / 5 [2]
Feature	GPIO, Ignition Sensing
Router Throughput	300Mbps
SpeedFusion VPN Throughput **- No Encryption** **- 256-bit AES**	 80Mbps 20 Mbps / 60Mbps[2]
Recommended Users	1-60
Cellular Data Rate[3] (Downlink/Uplink)	CAT-7: 300 Mbps/150 Mbps CAT-6: 300 Mbps/50 Mbps CAT-4: 150 Mbps/50 Mbps

Antenna Connectors	2x SMA Cellular Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
Power Input	Power Port: 10V – 30V DC AC Adapter: AC Input 100V–240V / DC Output 12V Power over Ethernet 802.3at
Power Consumption	13W (nominal), 18W (max.)
Dimension	5.0 x 4.2 x 1.4 inches / 125.7 x 107 x 35 mm
Weight	0.95 pounds / 430 grams
Operating Temperature	-40° – 149°F / -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS UL 121201 (Class I and Division 2) E-Mark (Motor Vehicle) EN 61373 Shock and Vibration Resistance EN 50155 Railway Applications EN 61000 Electromagnetic Compatibility
Package Content	1x BR1 Mini 2x LTE Antennas (ACW-235) 2x Dual Band Wi-Fi Antennas (ACW-342) 1x GPS Active Antenna (ACW-232) 1x 12V 2A 4pin Power Supply (ACW-632)
SIM Card Size	Nano-SIM (4FF)
Warranty	1-Year Limited Warranty

[1] Available with a feature pack add-on license.
[2] Requires a PrimeCare subscription, complimentary for the first year.
[3] Maximum theoretical data rate.

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-PRM Embedded Modem(s): **1x CAT-7**	North America* *US Carrier Certifications: **AT&T, T-Mobile, Verizon, FirstNet**	B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B42, B43, B48, B66, B71	HSPA+: B2, B4, B5
MAX-BR1-MINI-LTEA-US-DC-T-PRM Embedded Modem(s): **1x CAT-7**	North America* *US Carrier Certifications: **AT&T, T-Mobile, Verizon**	B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B42, B43, B48, B66, B71	HSPA+: B2, B4, B5
MAX-BR1-MINI-LTEA-B-T-PRM Embedded Modem(s): **1x CAT-6**	APAC, EMEA, Latin America	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	HSPA+/WCDMA: B1, B2, B4, B5, B8, B9, B19
MAX-BR1-MINI-LTE-US-T-PRM Embedded Modem(s): **1x CAT-4**	North America* *US Carrier Certifications: **AT&T, T-Mobile, Verizon, FirstNet**	B2, B4, B5, B12, B13, B14, B66, B71	WCDMA/HSPA+/DC-HSPA+: B2, B5
MAX-BR1-MINI-LTE-E-T-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-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

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

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 enables Ethernet WAN, Wi-Fi WAN, Hot Failover, WAN Smoothing
MAX-BR1-MINI-BD-FP-2Y	MAX BR1 Mini Bundle Offer - 2 year PrimeCare extension & complimentary feature pack
MAX-BR1-MINI-BD-FP-4Y	MAX BR1 Mini Bundle Offer - 4 year PrimeCare extension & complimentary feature pack
MAX-BR1-MINI-BD-FP-PLUS-2Y	MAX BR1 Mini Bundle Offer - 2 year PrimeCare+ extension & complimentary feature pack
MAX-BR1-MINI-BD-FP-PLUS-4Y	MAX BR1 Mini Bundle Offer - 4 year PrimeCare+ extension & complimentary feature pack
ANT-MB-22G-S-B-6	5-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black)
ANT-MB-22G-S-W-6	5-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White)
ACW-634	10ft DC Power Cable
ACW-DIN-BR1-MINI	DIN Rail mount kit

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