MAX BR1 MK2

Automatic Failover 4G LTE Mobile Router

FAQ

peplink

Is the MAX BR1 MK2 suitable for me?

What is the MAX BR1 MK2?

The MAX BR1 MK2 is an automatic failover 4G LTE Router with automatic switching, DC or terminal block power capability, advanced GPS fleet tracking, and remote management, all packed into a durable metal enclosure.

How fast is this device?

The router has a rated throughput of 100Mb/sec. You can view the complete spec sheet here.

Is it suitable for mobile use?

Certainly! Its rugged metal enclosure makes it suitable for mobile use. It can function in ambient temperatures ranging from -40ºF to +131ºF. It is also certified in shock and vibration resistance, railway applications, and electromagnetic compatibility and has an equipped terminal block for secure power installation in vehicles and extreme locations.

What certifications does the MAX BR1 MK2 have?

The MAX BR1 MK2 has the following certifications:

- FCC, CE, RoHS, IC, and E-Mark (Motor Vehicle)
- Class I, Division II: Hazardous Locations
- RF Port Lightning Immunity: ITU-T K.20 (+/- 1.5 kV)
- EN 61373: Shock and Vibration Resistance
- EN 50155: Railway Applications - Electronic Equipment used on Rolling Stock
- EN 61000: Electromagnetic Compatibility
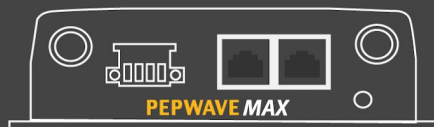
What is the best use case for the MAX BR1 MK2

The answer isn't set in stone. From Passenger Wi-Fi to Public Safety, the MAX BR1 MK2 has got you covered. Click here, and together we'll work out a cost-effective solution with the best overall performance for your needs. We make it always work.

What does the MAX BR1 MK2 include?

What's in the box?

Along with the router, you'll find 2 x Wi-Fi Dual Band (2.4/5GHz) antennas, 1 x GPS antenna, 2 x LTE antennas, 1 x 4-pin Terminal Block Connector, and 1 x 12V2A power supply.

Is this product warrantied?

Yes. It comes with a 1-year warranty which is extendable on a year-by-year basis. These can be purchased from our Certified Partners or directly from the Peplink store (MAX BR1 MK2 LTE: EssentialCare 1 Year | 2 Year, SmartCare 1 Year | 3 Year) (MAX BR1 MK2 LTE-A: EssentialCare 1 Year | 2 Year, SmartCare 1 Year | 3 Year) at the time of the sale or thereafter.

What is SpeedFusion Cloud?

SpeedFusion Cloud is Peplink's global network of SpeedFusion endpoints. With an active CarePlan or SpeedFusion Cloud data plan, you can utilize SpeedFusion wherever you are, eliminating the need for any additional hardware. Unsure of what you need? Check out this useful post.
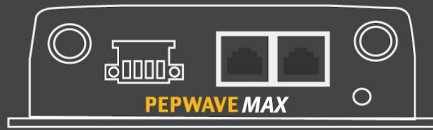
Does the MAX BR1 MK2 employ Peplink's SpeedFusion technology or PepVPN?

All our products are capable of PepVPN. The MAX BR1 MK2 can also utilize the SpeedFusion technology, including the Hot Failover and WAN Smoothing.

What is Hot Failover?

In the event of a WAN disconnection, Hot Failover will transfer your traffic to another connection while maintaining session persistence. This seamless transition means you won't experience interruptions in your activities.

What is WAN Smoothing?

WAN Smoothing utilizes intelligent algorithms to fill in connectivity gaps, trading bandwidth for greater connection resilience. WAN Smoothing minimizes latency and reduces the impact of packet loss. For instance, when live broadcasts are jittery due to packet loss, WAN Smoothing sends redundant packets through multiple network channels simultaneously, instantly filling in the data gaps and eliminating the effects of packet loss.

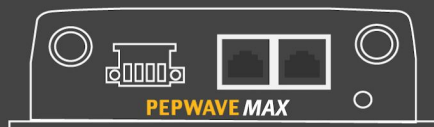**How can I purchase a license for SpeedFusion Cloud with higher traffic speed and additional usage?**

It's easy. Just click here!

Using the MAX BR1 MK2

What size should the SIMs be?

The MAX BR1 MK2 uses Mini-SIMs (2FF). If you have smaller SIMs, adapters are available

I see the unit has 2 SIM slots. Can they be used simultaneously?

The MAX BR1 MK2 has a single modem with 2 SIM slots. You can load 2 SIMs and switch between them, but only 1 will be active at a time. Peplink has other products which include 2 or more active modems.

What voltage is required?

The router is furnished with an AC plug-in-wall power supply. However, the owner can supply the router with 10-30V via either the header (4-pin Terminal Block) or the coaxial jack on the front panel. (The jack is non-proprietary and plugs are commonly available.) The 2 power inputs can be used simultaneously for redundancy.

What is the maximum power consumption?

The maximum power consumption is 16W.

How do I configure/set a large number of MAX BR1 MK2s remotely?

InControl 2 provides full-fleet device management and real-time geographic overview of the entire fleet when used in combination with our vehicle-mounted, GPS-enabled devices like MAX BR1 MK2. Our cloud-based endpoint management system, InControl 2, allows for zero-touch configurations to end devices from a single screen, even remotely. On a more granular scale, vehicles can be isolated and tracked separately for close monitoring and management. InControl 2 has helped thousands of people save configuration time, minimize truck rolls, stay on top of their network status, and proactively resolve any emerging problems with speed and precision.

What is Captive Portal?

Captive Portal is a configuration under InControl 2. With captive portals, you can easily offer internet access to your guests and control connection time and speed, as well as data usage limits. By doing so, you can set up a social Wi-Fi hotspot to receive valuable demographic data from your users. Learn how to configure it here.
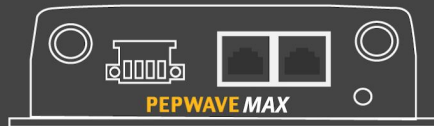
Licenses and Accessories

Where can I get the InControl2 license?

The MAX BR1 MK2 comes with a year's subscription to InControl 2 (IC2) with a valid warranty; additional purchase is not required. You can subscribe to an EssentialCare/SmartCare (MAX BR1 MK2 LTE: EssentialCare 1 Year | 2 Year, SmartCare 1 Year | 3 Year) (MAX BR1 MK2 LTE-A: EssentialCare 1 Year | 2 Year, SmartCare 1 Year | 3 Year) plan based on your model if you wish to continue to use our InControl 2.

Can it connect to an OpenVPN server from a commercial VPN provider (ExpressVPN, ProtonVPN, etc.)?

Yes. An optional license (LIC-OPN-WAN) will enable the OpenVPN WAN functionality.

What if I need more than 2 PepVPNs?

The MAX BR1 MK2 is capable of supporting 2 built-in PepVPNs. You can extend this capability to 5 PepVPNs by adding a license (PVN-LC-05), which you can purchase in our eStore or from our Certified Partners.

It seems like there are a lot of options here. This could become very expensive!

We offer the router at a very reasonable cost and encourage you to add only those options (if any) that are necessary to meet your requirements.
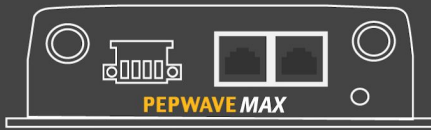
What can I do if I need support?

Does Peplink offer support for this product? What if I have difficulties setting it up?

First, Peplink Partners are proud to always provide support to you, our users, so always reach out to the place of purchase first.

For those who prefer self-service, Peplink has a very active [forum](). Our regular forum users include Peplink Partners, the Peplink team, and many knowledgeable users. Generally, folks with questions get answers rather quickly.

In the unlikely event of a suspected hardware or firmware issue, you can directly enter a [support ticket]() with Peplink. You will then receive attention from some of the best engineers! Peplink supports its owners like no other.

I can't access the Internet via the MAX BR1 MK2. So, what can I do?

Visit [this link]() (troubleshooting section) for a basic troubleshooting guide. If you need further assistance, please reach out to us on our [forum](), and the team will get you online.