

# MAX BR2 Pro

Designed for Pros, by Pros.



## FAQ

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## What is the MAX BR2 Pro?



### What is the MAX BR2 Pro?

The MAX BR2 Pro is a router with seven available WAN connections, including two 5G cellular modems, a Serial Port for M2M/IoT applications, multiple certifications to work in extreme environments, and Ignition Sensing for vehicle installations. The MAX BR2 Pro provides unbreakable 5G in every scenario.



### How fast is this device?

The MAX BR2 Pro has a rated throughput of 1Gb/sec. It supports a 4Gb/sec downlink data rate and a 700Mb/sec uplink data rate per cellular modem. If the MAX BR2 Pro cannot receive a 5G network, it is able to receive LTE CAT-20 network with a 2Gb/sec downlink data rate and 150Mb/sec uplink data rate.

You can view the complete spec sheet [here](#).



### What certifications does the MAX BR2 Pro have?

The MAX BR2 Pro has the following certifications:

- FCC, CE, RoHS, and E-Mark
- EN61373: Shock and Vibration Resistance
- EN50155: Railway Applications - Electronic Equipment used on Rolling Stock
- EN61000: Electromagnetic Compatibility



# FAQ - MAX BR2 Pro



## How many ways can it connect to the Internet?

The MAX BR2 Pro has a total of 7 ways to connect to the Internet. It comes with 2x 5G Cellular modems, 2x Ethernet WANs, 1x USB WAN, and 2x WiFi-as-WANs (Simultaneous Dual-Band, 1x 2.4GHz and 1x 5GHz).



## What is SpeedFusion Connect 5G/LTE?

With SpeedFusion Connect 5G/LTE, you can access on-demand data plans and only pay for what you need. SpeedFusion Connect 5G/LTE is an all-in-one solution offering access to not only SpeedFusion Connect Protect but also LTE data. Click [here](#) to learn more.

## What is included with the MAX BR2 Pro?



## What is in the box?

Along with the router, you'll find 8x LTE/5G antennas ([ACW-235](#)), 2x Dual Band Wi-Fi antennas ([ACW-341](#)), 1x GPS antenna ([ACW-232](#)), and 1x 12V3A 4-Pin Power Supply ([ACW-663](#)).



## Is my product covered under warranty?

Yes, all Peplink products come inclusive of a 1-year warranty. Please ensure your device is sales registered to reflect an accurate warranty start and end date (see below for more detail)



## How do I sales register my device?

Maintaining an accurate sales register date will ensure your warranty status is counted from the date of sale rather than the date of delivery.

### To sales register your device:

- 1) Visit [access.peplink.com](https://access.peplink.com)
- 2) Login to your existing PeplinkID account or create a new login
- 3) Once verified and logged in. **Select Device> Register Device**
- 4) Enter details and **Save Changes**.

Once updated, the corresponding warranty status will automatically be updated.



## Can I extend my warranty beyond its coverage period?

Yes, all warranties can be extended on a year-to-year basis (PrimeCare [1 Year](#) | [2 Year](#) | [4 Year](#)). Renewals can be purchased through our local [Peplink Certified Partners](#) or directly from Peplink [eStore](#) at the time of sale or any time thereafter.



## What is PrimeCare?

PrimeCare is a subscription that bundles InControl, Warranty, SpeedFusion license upgrades, and FusionHub licenses into a single package. Click [here](#) to learn more about PrimeCare.



## What is SpeedFusion Connect Protect?

SpeedFusion Connect Protect is Peplink's global network of SpeedFusion endpoints. With an active CarePlan or SpeedFusion Connect 5G/LTE data plan, you can utilize SpeedFusion wherever you are, eliminating the need for additional hardware. Unsure of what you need? Check out this useful [post](#).



# FAQ - MAX BR2 Pro



## **Does the MAX BR2 Pro employ Peplink's SpeedFusion technology or SpeedFusion VPN? What is SpeedFusion technology?**

Peplink's patented SpeedFusion technology is a powerful VPN tunnel equipped with a variety of technologies such as Hot Failover, WAN Smoothing, Bandwidth Bonding, and much more. This technology empowers users with the flexibility and tools required to achieve unbreakable connectivity in any vertical or scenario in which they might find themselves. The MAX BR2 Pro requires the purchase of PrimeCare to support SpeedFusion Bandwidth Bonding, Hot Failover and WAN Smoothing. Click [here](#) to learn more about SpeedFusion.



## **How can I purchase a license for SpeedFusion Connect Protect with higher traffic speeds and additional usage?**

It's easy. Look [here](#)!

## **5G FAQs**



## **Do you have any of the following questions about the MAX BR2 Pro?**

Q: Do Peplink 5G devices support Sub-6 or mmWave?

Q: Are Peplink Mobility or Maritime antennas compatible with the MAX BR2 Pro?

Q: How does SpeedFusion work with the 5G network?

You can find all the answers [here](#).



## Using the MAX BR2 Pro



### **What size should the SIMs be?**

The MAX BR2 Pro uses Nano-SIMs (4FF).



### **I see the unit has 4 SIM slots. Can they be used simultaneously?**

The MAX BR2 Pro is a dual cellular modem device with 4 SIM slots. You can load 2 SIMs for 1 modem and switch between them, but you can only use 1 SIM per modem at a time.



### **What voltage is required?**

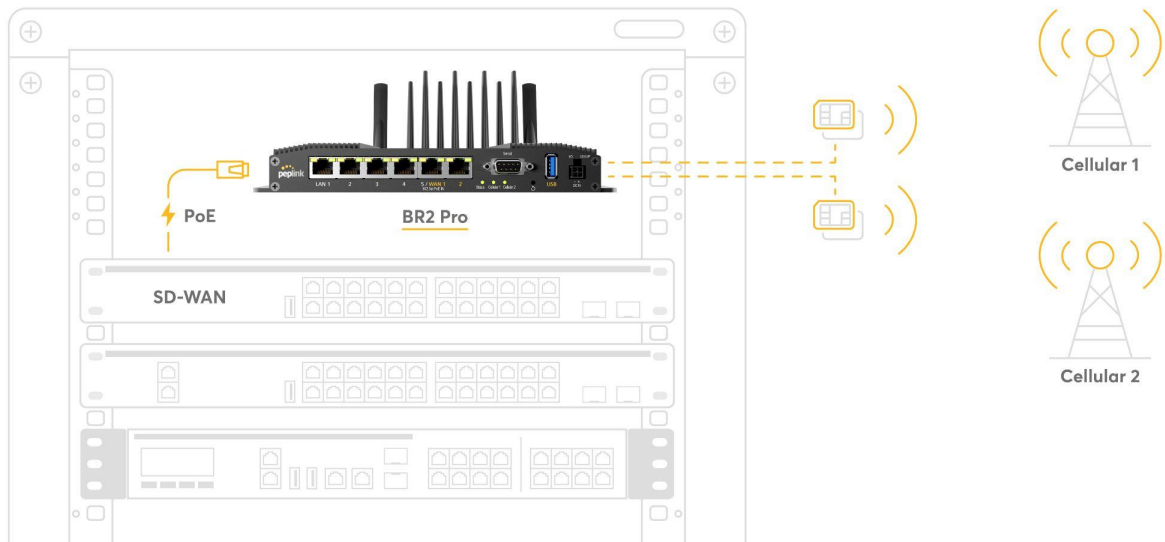
The router can be furnished with an AC wall plug-in 4-pin power supply. You can also power the MAX BR2 Pro with 802.3at PoE input.



# FAQ - MAX BR2 Pro



**How can I make use of the PoE Input features of the MAX BR2 Pro?**



For example, the MAX BR2 Pro can act as a dual LTE/5G connectivity. By powering up the MAX BR2 Pro with a PoE output from your current SD-WAN infrastructure, you can add a dual LTE/5G connectivity to your SD-WAN infrastructure without extra configuration.



**What is its maximum power consumption?**

The maximum power consumption is 30W.



# FAQ - MAX BR2 Pro



## Is it possible to protect vehicle batteries from drainage by the MAX BR2 Pro?

Yes. The MAX BR2 Pro is equipped with a power port with ignition sensing that enables ignition-sensing features. Ignition sensing is an electronic device's ability to connect to a vehicle's ignition to sense when it is turned on or off. This feature can be used to synchronize and automate the process of turning on electronic devices in vehicles such as dash-cams and radios.



## How can I set up GPIO?

You can learn more about the GPIO setup from our [Ignition Sensing Guide](#).



## What is the Serial Port on MAX BR2 Pro used for?

The Serial Port on the MAX BR2 Pro is used to be the industry standard for serial data transmission. The Serial Port can be used as Out-of-Band-Management for the connected IoT / machine / sensors, so the MAX BR2 Pro can be the virtual control panel to do configuration on the connected IoT / machine / sensors.



## Does the MAX BR2 Pro employ WAN as LAN features?

Yes. The WAN Port 1 can be configured as a LAN port on the Web Admin.



## What is a Captive Portal?

Captive Portal is a configuration under InControl 2. With Captive Portals, you can easily offer internet to your guests while controlling connection time and speed as well as data usage limits. By doing so, you can set up a social Wi-Fi hotspot to receive users' valuable demographic data from your users. Click [here](#) to learn more about the Captive Portal.



## MAX BR2 Pro & Public Safety



### Can the MAX BR2 Pro use Band 71?

Yes. The MAX BR2 Pro ([MAX-BR2-PRO-5GH-T-PRM](#)) can use Band 71. Band 71 is a band frequency provided by T-Mobile, it operates at a 600MHz frequency that travels twice as far, and it works 4 times better in buildings than conventional LTE bands. You can insert your T-Mobile SIM into any MAX BR2 Pro cellular slot in order to use Band 71.

## Licenses and Accessories



### Where can I get the InControl license?

Everyone MAX BR2 Pro comes with a year's subscription to InControl with a valid warranty, so additional purchase is not required.

**PrimeCare devices** (SKU no. ending with -PRM) will need to be in PrimeCare in order to use InControl.

|           | MAX BR2 Pro                                                              |
|-----------|--------------------------------------------------------------------------|
| PrimeCare | <a href="#">1 Year</a>   <a href="#">2 Year</a>   <a href="#">4 Year</a> |



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

Yes. An optional license ([LIC-OPN-WAN](#)) will enable OpenVPN WAN functionality.



## **What if I need more than 2 PepVPNs/SpeedFusion Peers?**

The MAX BR2 Pro has the capability for 2 PepVPNs/SpeedFusion Peers “built-in”. 5 PepVPN/SpeedFusion Peers are enabled with a PrimeCare subscription. 10 and 20 SpeedFusion VPN can be enabled with software licence (PVN-LC-10 and PVN-LC-20).



## **Can I connect PrimeCare devices to my existing FusionHubs?**

Yes. PrimeCare devices will not count towards the peer limit of any FusionHub to which it is connected. For example, a FusionHub 20 normally supports up to 20 peers, which is particularly useful for connecting numerous sites that require little bandwidth such as PoS terminals.



## What can I do if I need support?



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

Peplink Partners are always happy to provide support to their product users, so reach out to the place of purchase first.

For those who prefer self-service, Peplink has a very active [forum](#). Among the regular forum users are Peplink Partners, Peplink employees, and many very knowledgeable users. Generally, people with questions get answers rather quickly. In the unlikely event of a suspected hardware or firmware issue, you can enter a [support ticket](#) with Peplink directly. You will then receive attention from some of our best engineers! Peplink supports its owners like no one else in the business.



### **I cannot access the Internet via the MAX BR2 Pro, what can I do?**

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