MAX BR1 Pro 5G

Balance Your Fixed Network with 5G Wireless WAN



FAQ

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FAQ - MAX BR1 Pro 5G

What is the MAX BR1 Pro 5G?

What is the MAX BR1 Pro 5G?

The MAX BR1 Pro 5G is an industrial 5G-ready router equipped with a 2.5Gb/sec WAN port, Wi-Fi 6, and low-profile Form Factor. The MAX BR1 Pro 5G is integrated with the new generation multi-core CPU that ensures delivery of gigabit speeds.

How fast is this device?

The MAX BR1 Pro 5G has a rated throughput of 1Gb/sec. It supports a 4Gb/sec downlink data rate and a 700Mb/sec uplink data rate. If the MAX BR1 Pro 5G 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 BR1 Pro 5G have?

The MAX BR1 Pro 5G has the following certifications:

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

The MAX BR1 Pro 5G also has US Carrier certifications from AT&T, T-Mobile, and US Carriers. Verizon's US Carrier certification is pending.

FAQ - MAX BR1 Pro 5G

What is the best use case for the MAX BR1 Pro 5G?

The answer isn't set in stone. It has applications from railways and warehouses to manufacturing and transportation. Click here, and together we'll work out a cost-effective solution with the best overall performance. We will always make it work.

How many ways can it connect to the internet?

The MAX BR1 Pro 5G comes with 1 Cellular, 1 Ethernet, and Wi-Fi-as-WAN.

What is included with the MAX BR1 Pro 5G?

What is in the box?

Along with the router, you'll find 4 x LTE/5G antennas (ACW-234), 2 x Wi-Fi Dual-Band antennas (ACW-341), 1 x GPS antenna (ACW-232), and 1 x 12V2A Power Supply cable (ACW-632).

Is a warranty included with this product?

Yes. It comes with a 1-year warranty which is extendable on a year-to-year basis. You can purchase these warranties from our Certified Partners or directly from the Peplink store (PrimeCare 1 Year | 2 Year | 4 Year) at the time of the sale or at 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.

FAQ - MAX BR1 Pro 5G

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 additional hardware. Unsure of what you need? Check out this useful post.

Does the MAX BR1 Pro 5G employ Peplink's SpeedFusion technology or PepVPN?

All Peplink products are capable of using PepVPN. The MAX BR1 Pro 5G supports SpeedFusion, Hot Failover, and WAN Smoothing. The MAX BR1 Pro 5G requires the purchase of PrimeCare to support SpeedFusion Bandwidth Bonding.

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. Click here to learn more about SpeedFusion.

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

It's easy. Look here!

FAQ - MAX BR1 Pro 5G

5G FAQs

Do you have any of the following questions about the MAX BR1 Pro 5G?

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

Q: Are Peplink Mobility or Maritime antennas compatible with the MAX BR1 Pro 5G?

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

You can find all the answers here.

Using the MAX BR1 Pro 5G

What size should the SIMs be?

The MAX BR1 Pro 5G uses Nano-SIMs (4FF).

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

The MAX BR1 Pro 5G is a single 5G modem device with 2 SIM slots. You can load 2 SIMs and switch between them, but you can only use 1 at a time. Peplink has other products which have 2 or more active modems.

Can the MAX BR1 Pro 5G use Band 71?

Yes. The MAX BR1 Pro 5G 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 BR1 Pro 5G cellular slot in order to use Band 71.

FAQ - MAX BR1 Pro 5G

What is FirstNet Ready? Does the MAX BR1 Pro 5G support FirstNet?

FirstNet is the only network where Public Safety can take advantage of the highest power class signaling available across the United States with FirstNet MegaRande, the High Power User Equipment solution exclusively available on Band 14.

The MAX BR1 Pro 5G is FirstNet Ready, providing additional coverage as the situation demands.

Click here to learn more about how Peplink technology works with FirstNet.

Is it possible to protect vehicle batteries from drainage by the MAX BR1 Pro 5G?

Yes. The MAX BR1 Pro 5G 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.

What voltage is required?

The router is furnished with an AC wall plug-in 4pin power supply.

What is its maximum power consumption?

The maximum power consumption is 19W.

How can I set up GPIO?

You can learn more about the GPIO setup from our Ignition Sensing Guide.

FAQ - MAX BR1 Pro 5G

Does the MAX BR1 Pro 5G employ WAN as LAN features?

Yes. The WAN port 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.

Licenses and Accessories

How can I subscribe to the InControl2 service?

The MAX BR1 Pro 5G comes with a 1-year subscription to PrimeCare, which includes InControl2. PrimeCare can be extended 1 year for a nominal cost (PrimeCare 1 Year | 2 Year | 4 Year).

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?

By default, the MAX BR1 Pro 5G has the capability for 2 PepVPNs. You can expand this capability to 5 PepVPNs with a PrimeCare subscription, which is complimentary for the first year. In order to increase the number of PepVPN peers to 5, a renewal of PrimeCare is required. PrimeCare can be extended beyond 1 year for a nominal cost (PrimeCare 1 Year | 2 Year | 4 Year).

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 BR1 Pro 5G, 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.