

MAX Transit Mini

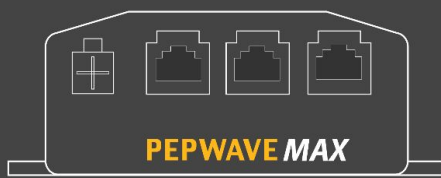
B71 and FirstNet Ready Router for
Transportation Deployments



FAQ

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FAQ - MAX Transit Mini

Is the MAX Transit Mini suitable for me?



How can I use the MAX Transit Mini?

The MAX Transit Mini is a router that supports mobile applications along with band 71 and FirstNet, which provide better coverage in remote areas and indoors. In addition, the MAX Transit Mini has specialized features for vehicular deployments, like ignition sensing and GPS fleet management. Thus, the MAX Transit Mini is perfect for public safety, first responders, on-board deployments, and in-vehicle deployments.



How fast is this device?

The MAX Transit Mini has a rated throughput of 100Mb/sec. In addition, the LTE modem of the MAX Transit Mini has a 150Mb/sec downlink data rate and a 50Mb/sec uplink data rate. You can find the complete spec sheet [here](#).



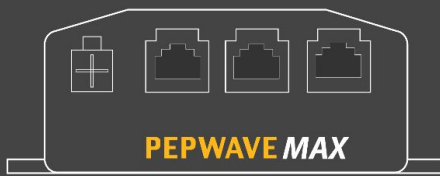
How many ways can it connect to the Internet?

The MAX Transit Mini comes with 1 x cellular and 1 x Ethernet, and it has a redundant SIM card slot to provide 1 cellular connection. Meanwhile, the LAN interface shares one of the WAN ports. Therefore, a WAN activation license is not required when the MAX Transit Mini is under PrimeCare.



How many concurrent connections can the router make to the Internet?

The MAX Transit Mini supports 1 cellular and 1 Ethernet connection at a given time. In addition, you can use both Internet connections simultaneously with Peplink's innovative SpeedFusion technology under the PrimeCare plan. Our SpeedFusion and SpeedFusion Cloud will allow users to enjoy unbreakable connectivity with game-changing technology such as Hot Failover and WAN Smoothing. To learn more about SpeedFusion and its incredible technology, click [here](#).



FAQ - MAX Transit Mini



What certifications does the MAX Transit Mini have?

The MAX Transit Mini has certifications on:

- FCC, CE, RoHS, IC, and E-Mark (Motor Vehicle)
- EN 61373: Shock and Vibration Resistance
- EN 50155: Railway Applications - Electronic Equipment used on Rolling Stock
- EN 61000: Electromagnetic Compatibility

These certifications prove that the MAX Transit Mini can function within different environments and be applied to mobile applications.

What does the MAX Transit Mini include?



What's in the box?

Along with the router, there are 2 x LTE antennas ([ACW-813](#)), 1 x Wi-Fi (2.4GHz) antenna ([ACW-304](#)), 1 x GPS antenna ([ACW-232](#)), and 1 x 10-foot DC power cable ([ACW-634](#)).



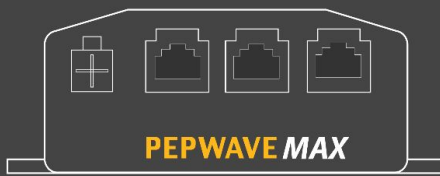
Is a warranty included with this product?

Yes. It comes with a 1-year warranty which is extendable on a year-to-year basis. These can be purchased from our [Certified Partners](#) or directly from the Peplink store (PrimeCare [1 Year](#) | [2 Year](#) | [4 Year](#)) at the time of the sale or 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 Transit Mini



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 Transit Mini employ Peplink's SpeedFusion technology or PepVPN?



All Peplink products can use PepVPN. The MAX Transit Mini supports SpeedFusion Hot Failover and WAN Smoothing but requires the purchase of PrimeCare after the first year (PrimeCare [1 Year](#) | [2 Year](#) | [4 Year](#)).



What is SpeedFusion technology?

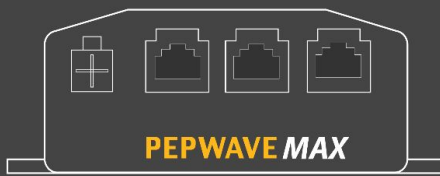
Peplink's patented SpeedFusion technology is a powerful VPN tunnel equipped with a variety of technologies such as Hot Failover, WAN Smoothing, and much more. This functionality empowers you with the flexibility and tools required to achieve unbreakable connectivity in any vertical or scenario that they might find themselves in. Click [here](#) to learn more about SpeedFusion.

Using the MAX Transit Mini



I see there are 4 antenna connectors on the MAX Transit Mini, and there are 4 antennas included. Are all 4 antennas needed?

There are 2 x LTE antennas ([ACW-813](#)), 1 x 2.4GHz Wi-Fi antenna ([ACW-304](#)), and 1 x GPS antenna ([ACW-232](#)) included in the package. Our recommendation is to connect all supplied cellular and Wi-Fi antennas. The GPS antenna is optional and dependent on whether the tracking functionality is needed.



FAQ - MAX Transit Mini



Why should I use PepVPN?

PepVPN is a capability built into the MAX Transit Mini. It allows users to construct a VPN tunnel between Peplink devices. This tunnel may be unencrypted, or more commonly, encrypted with AES 256-bit encryption. Here's an example of how PepVPN is commonly used: suppose you have a MAX Transit Mini at home and a Peplink Balance series router at work or perhaps at a second home. You can establish a "nailed up" connection between the 2 locations, thus allowing you access to the resources at 1 location from the other. You can construct either a Layer 2 or a Layer 3 tunnel, with the latter being more common.



How many Power Inputs does the MAX Transit Mini have?

The MAX Transit Mini has 2 x power inputs. A Terminal Block Power Connector for Mobile/Vehicular deployment and passive PoE Input. Passive PoE Input can reduce the number of wires for more flexibility in deployment, while a Terminal Block Power Connector can activate ignition sensing features, providing installation versatility.



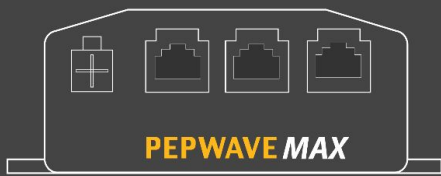
Is there a way to protect vehicle batteries from drainage by the MAX Transit Mini?

Yes. The MAX Transit Mini includes a power port with ignition sensing that enables ignition sensing features. Ignition Sensing is an electronic device's ability to be connected to a vehicle's ignition for sensing when it is turned on or off. You can use this feature 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](#).



FAQ - MAX Transit Mini



Can the MAX Transit Mini use Band 71?

Yes. The MAX Transit Mini can use Band 71. Band 71 is a band frequency provided by T-Mobile, operates at a 600MHz frequency that travels twice as far, and works four times better in buildings than conventional LTE bands. If you wish to use Band 71, please insert your T-Mobile SIM into Cellular Slot to use Band 71.



What is FirstNet Ready?

FirstNet Ready is the only network where Public Safety can take advantage of the highest power class signaling available across the United States with FirstNet MegaRange, the High Power User Equipment solution exclusively available on Band 14. Click [here](#) to learn more about how Peplink technology works with FirstNet Ready.



Is a means for remote access provided?

Certainly, you have the option of using either L2TP or OpenVPN.

Licenses and Accessories



What if I need more than 2 PepVPNs?

“Built-in” to the MAX Transit Mini is the capability to support 2 PepVPNs. You can expand this capability to 5 PepVPNs with a PrimeCare subscription, which comes complimentary for the first year. To increase the number of PepVPN peers to 5, you will need to renew PrimeCare. You can extend the subscription beyond 1 year for a nominal cost (PrimeCare [1 Year](#) | [2 Year](#) | [4 Year](#)).



Can I manage the MAX Transit Mini remotely?

Yes. The MAX Transit Mini comes with a year’s subscription to PrimeCare, which includes InControl2. PrimeCare can be extended 1 year for a nominal cost (PrimeCare [1 Year](#) | [2 Year](#) | [4 Year](#)).



FAQ - MAX Transit Mini



Can I do scalable management of several MAX Transit Minis?

Yes, you can manage your MAX Transit Minis remotely by InControl2 cloud management. It enables bulk push configurations of multiple MAX Transit Minis. All devices with Peplink PrimeCare enabled will have access to InControl2. You can extend this warranty 1 year for a nominal cost (PrimeCare [1 Year](#) | [2 Year](#) | [4 Year](#)).



Can the MAX Transit Mini 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.



How can I use the Serial port shared with LAN Interface?

You can connect the Serial port with an RJ45-to-DB9 converter and a standard network cable.

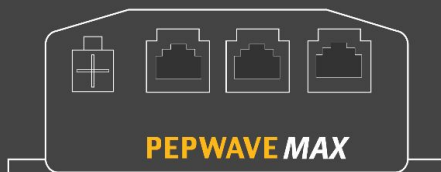
Can I connect PrimeCare devices to my existing FusionHubs?



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

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

We intend to allow you to acquire the router at a very reasonable cost and add only those options – if any – found to be necessary to meet your requirements.



FAQ - MAX Transit Mini

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 Transit Mini. 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.