MAX Transit

Single LTE-A Pro Router for Transportation Wi-Fi

FAQ

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Is the MAX Transit suitable for me?

What is the MAX Transit?

The MAX Transit is a router built for transportation deployment. It features simultaneous dual-band 11ac Wi-Fi, a single embedded cellular modem, and a compact form factor. This router is ready to deliver fast, reliable Wi-Fi hotspots to your passengers.

How many versions of the MAX Transit do you offer?

We currently offer different versions to suit your requirements. These are:

- LTE (CAT-4)
- LTE-A (CAT-6)
- LTE-A Pro (CAT-12)
- LTE-A Pro (CAT-18)
- MAX Transit ESN (CAT-18)

How fast is this device?

All versions of the MAX Transit have a rated throughput of 400Mb/sec. The table below lists the different Downlink and Uplink data rates of the MAX Transit.

	Downlink Data Rate	Uplink Data Rate
MAX Transit LTE	100Mb/sec	50Mb/sec
MAX Transit LTE-A	300Mb/sec	50Mb/sec
MAX Transit LTE-A Pro (CAT-12)	600Mb/sec	150Mb/sec
MAX Transit LTE-A Pro (CAT-18)	1.2Gb/sec	150Mb/sec
MAX Transit ESN (CAT-18)	1.2Gb/sec	150Mb/sec

You can find the complete Spec Sheet for MAX Transit LTE, LTE-A, LTE-A Pro (CAT-12), and LTE-A Pro (CAT-18) here, and the full Spec Sheet for MAX Transit ESN here.

How many ways can the MAX Transit connect to the Internet?

The MAX Transit comes with 1 x cellular, 1 x Ethernet, and Wi-Fi-as-WAN. While the Ethernet connections are the most commonly used WAN, the MAX Transit has 1 redundant SIM card slot to provide 1 x cellular connection. Meanwhile, you can easily configure the MAX Transit to serve as a Wi-Fi client by "attaching" to Wi-Fi owned by hotels, campgrounds, and the like.

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

The MAX Transit supports 1 x cellular and 1 x 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. Also, our SpeedFusion and SpeedFusion Cloud will allow users to enjoy unbreakable connectivity with game-changing technology such as Hot Failover, WAN Smoothing, and Bandwidth Bonding. To learn more about SpeedFusion and its impressive technology, click here.

What certifications does the MAX Transit have?

The MAX Transit has certifications on:

- FCC, CE, RoHS, IC
- 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 can function within different environments and be applied to mobile applications.

What is the difference between the MAX Transit LTE-A Pro (CAT-18) and the MAX Transit ESN?

The most significant difference between these 2 routers is that the MAX Transit ESN is certified for ESN, a designated network for the United Kingdom's public safety, first responders, and emergency services.

What does the MAX Transit include?

What's in the box?

	MAX Transit (LTE, LTE-A, LTE-A Pro with CAT-12)	MAX Transit LTE-A Pro with CAT-18, MAX Transit ESN
Router	1	1
12V2A Power Supply (ACW-601)	1	1
5dBi Wi-Fi Antenna (ACW-341)	2	2
GPS Active Antenna (ACW-232)	1	1
2dBi 4G LTE Antenna (ACW-234)	2	4
Mounting Brackets (ACW-724)	1 Pair	1 Pair
6pin Terminal Block Connector	1	1
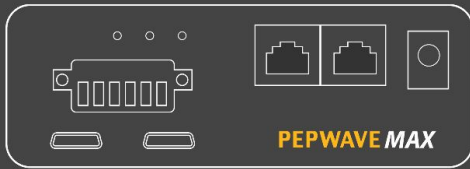
Is a warranty included with this product?

Yes. All versions of the MAX Transit come with a 1-year warranty. Among all the provided versions of MAX Transit, only the MAX Transit LTE-A Pro (CAT-18) and MAX Transit ESN are eligible for PrimeCare. You can purchase this warranty from your local Peplink 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.

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 employ Peplink's SpeedFusion technology or PepVPN?

All Peplink products can use PepVPN. In addition, the MAX Transit supports SpeedFusion Hot Failover, WAN Smoothing, and Bandwidth Bonding 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 technology, including Hot Failover, WAN Smoothing, Bandwidth Bonding, and much more. These features provide you with the flexibility and tools required to achieve unbreakable connectivity in any vertical or scenario you find yourself facing. Click here to learn more about SpeedFusion.
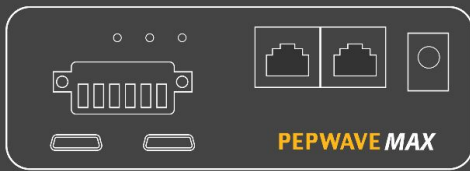
Does the MAX Transit support features like Captive Portal?

Yes. The MAX Transit comes with a customizable captive portal that allows passengers to log in with Facebook. By accessing InControl 2, you have an insightful report on user demographics. The MAX Transit also supports an external captive portal that can connect to an advertising server, turning your Wi-Fi hotspots into a source of revenue.

Using the MAX Transit

Are all the antennas in the package necessary?

We recommend that you connect all supplied cellular and Wi-Fi antennas. The GPS antenna is optional and dependent on whether the tracking functionality is needed.

What is PepVPN?

PepVPN 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 widely used: suppose you have a UBR LTE 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 other locations' resources. 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 have?

The MAX Transit has 3 x power inputs – a 12V-48V DC input, a terminal block, and 2 x Micro-USB B with 5V, 2A each for power input.

What voltage is required?

The router includes an AC plug-in-wall power supply. However, the owner can supply the router with 12V – 48V via the header (6pin Terminal Block) or the coaxial jack on the front panel. (The jack is non-proprietary, and plugs are commonly available.) Furthermore, you can power the router with the 2 Micro-USB B ports. Finally, you can use the 3 power inputs simultaneously for redundancy.
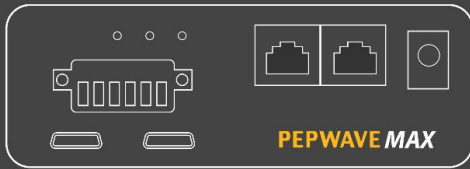
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Can the MAX Transit use Band 71?

Only the MAX Transit LTE-A Pro (CAT-18) can use Band 71. Please insert your T-Mobile SIM into the 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.

Can I achieve Hot Failover over redundant SIM slots?

No. The redundant SIM slot provides redundancy and data overage protection. Despite the availability of both SIM slots, the MAX Transit uses only 1 at a time.

Can I connect a USB dongle to the MAX Transit to add an external network?

No. The MAX Transit has a Micro-USB port, but it is not compatible with the MAX Adapter as the MAX Transit's USB port only provides power input, not data. For compatibility, the device must contain a USB WAN port.

What is the typical power consumption?

	Typical Power Consumption
MAX Transit (LTE, LTE-A, LTE-A Pro with CAT-12)	8W
MAX Transit LTE-A Pro with CAT-18	7.5W
MAX Transit ESN	6.5W

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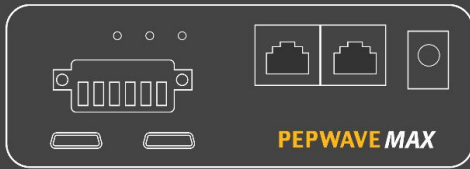
What is the maximum power consumption?

The maximum power consumption of all versions of the MAX Transit is 18W.

Is a means for remote access provided?

Yes, you can use either L2TP or OpenVPN.

Licenses and Accessories

What if I need more than 2 PepVPNs?

The MAX Transit has the capability for 2 PepVPNs by default. 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, which you can extend beyond 1 year for a nominal cost (PrimeCare 1 Year | 2 Year | 4 Year).

Can I manage the MAX Transit remotely?

Yes. The MAX Transit LTE-A Pro (CAT-18) comes with a year's subscription to PrimeCare, which includes InControl 2. In addition, you can extend PrimeCare beyond 1 year for a nominal cost (PrimeCare 1 Year | 2 Year | 4 Year).

Can I do scalable management of several MAX Transit devices?

Yes, you can manage your MAX Transits remotely via InControl 2 cloud management. It enables bulk push configurations of multiple MAX Transits. All devices with Peplink PrimeCare enabled will have access to InControl2. Additionally, you can extend PrimeCare beyond 1 year for a nominal cost (PrimeCare 1 Year | 2 Year | 4 Year).
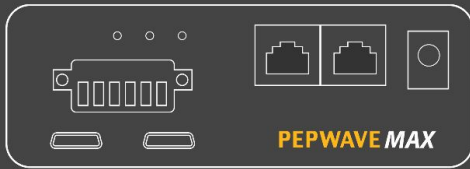
Can the MAX Transit connect to an OpenVPN server from a commercial VPN provider (ExpressVPN, ProtonVPN, etc.)?

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

Can I connect PrimeCare devices to my existing current FusionHubs?

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

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

We intend to allow the buyer to acquire the router at a very reasonable cost and add only those options - if any - found to be 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. Among the regular forum, users are Peplink Partners, Peplink employees, and many very knowledgeable users. Generally, people with questions get answers quite 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.

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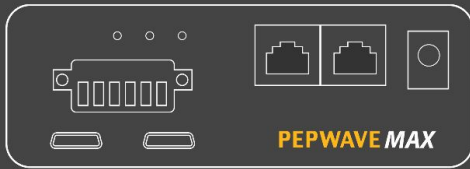
I can't access the Internet via the MAX Transit Mini. So, what can I do?

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.