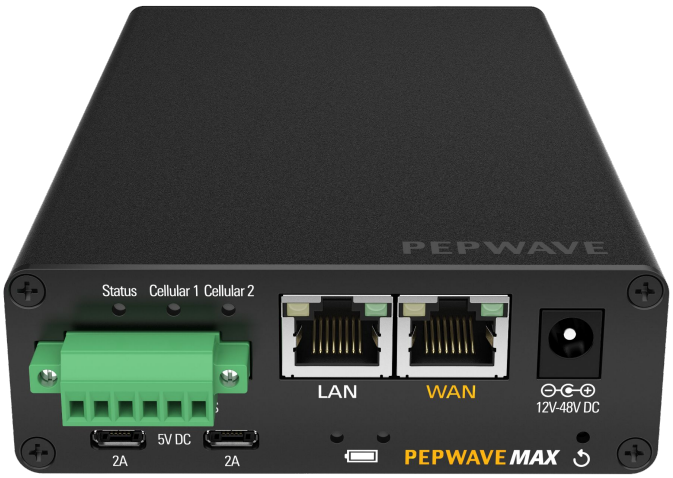
MAX Transit Duo

Dual LTE-A Pro Router for Transportation Wi-Fi



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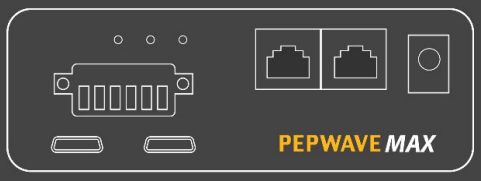


FAQ - MAX Transit Duo

Is the MAX Transit Duo suitable for me?

What is the MAX Transit Duo?

The MAX Transit Duo is a dual LTE-A Pro router with simultaneous dual-band 11ac Wi-Fi, 2 embedded LTE modems, automatic switching, DC or Micro-USB B, or terminal block power capability, advanced GPS fleet tracking, and remote management. The best part? It's all packed into a durable metal enclosure.

How fast is this device?

The MAX Transit Duo has a rated throughput of 400Mb/sec. In addition, the LTE-A Pro modem of the MAX Transit Duo has a 600Mb/sec downlink data rate and a 150Mb/sec uplink data rate. You can find the complete spec sheet here.

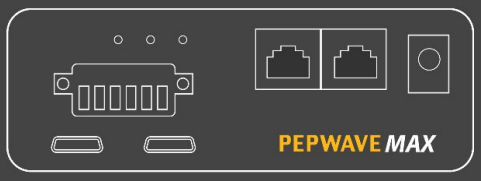
Is it suitable for mobile use?

Certainly! It is suitable for mobile use with its rugged metal enclosure. It can function in ambient temperatures ranging from -40°F to +149°F. It is also certified in shock and vibration resistance, railway applications, and electromagnetic compatibility. There is an equipped terminal block for secure power installation in vehicles and extreme locations. On top of that, there are 2 additional Micro-USB B with 5V, 2A each for Power Input for redundancy.

What certifications does the MAX Transit Duo have

The MAX Transit Duo has certifications on:

- FCC, CE, RoHS, IC
- E-Mark (ref: E13*10R00*10R05*13664*00)
- EN 61373:1999 IEC 61373:1999: Shock and Vibration Resistance
- EN 50155: Railway Applications
- EN 61000: Electromagnetic Compatibility.



FAQ - MAX Transit Duo

Does the MAX Transit Duo replace the MAX Transit?

It depends. The MAX Transit Duo has 2 x cellular modems and 2 x redundant SIM slots, allowing you to use up to 4 different cellular providers. Different carriers will have slightly different coverage maps, so you will have better network coverage and stability with 4 SIMs compared to 2. You can also benefit from bandwidth bonding, data overage protection, or eliminating blind spots with more SIMs available. On the other hand, MAX Transit DUO only supports CAT-12 at the moment, while the MAX Transit supports CAT-18 or up to 5G. In addition, MAX Transit offers double the downlink data rate compared to MAX Transit DUO.

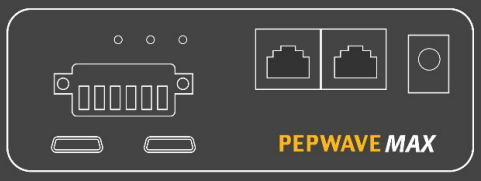
	MAX Transit	MAX Transit Duo
Cellular Standard	LTE-A Pro (CAT-18)	LTE-A Pro (CAT-12)
Downlink Data Rate	1.2 Gbps	600 Mbps
Uplink Data Rate	150 Mbps	150 Mbps
Sim Slots	2	4
Overall	Higher Speed	Better Coverage & Connection Stability

How many ways can it connect to the Internet?

The MAX Transit Duo comes with 2 x cellular modems, 1 x WAN and 1 x LAN. Meanwhile, the WAN port is shared with LAN interface.

What is the best use case for MAX Transit Duo?

The answer isn't set in stone. From working from home to public safety, the MAX Transit Duo has got you covered. Click here, and together, we can work out a cost-effective solution with the best overall performance. We make it always work.



FAQ - MAX Transit Duo

What does the MAX Transit Duo include?

What's in the box?

Along with the router, there is a 12V2A power supply, 2 x dual-band Wi-Fi antennas, 1 x GPS active antenna, 4 x LTE antennas, 1 x pair of mounting brackets, and 1 x 6pin terminal block connector.

Is a warranty included with this product?

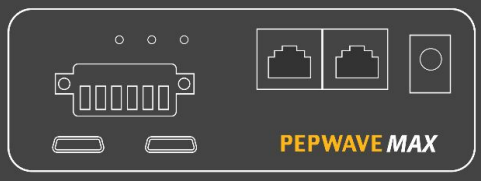
All products come with a 1-year warranty which is extendable on a year-by-year basis. You can purchase care plans from our Certified Partners or directly from the Peplink eStore at the time of the sale or thereafter.

For PrimeCare devices (SKU no. ending with -PRM):

	PrimeCare		
MAX Transit Duo LTEA	[1-Year]	[2-Year]	[4-Year]

For non-PrimeCare devices (SKU no. ending without -PRM):

	EssentialCare	SmartCare
MAX Transit Duo	-	[1-Year | 3-Year]
MAX Transit Duo LTE	[1-Year | 2-Year]	-
MAX Transit Duo LTEA	[1-Year | 2-Year]	[1-Year | 3-Year]



FAQ - MAX Transit Duo

What is PrimeCare?

PrimeCare makes SpeedFusion networks easier to build. It's a subscription that bundles InControl, Warranty, SpeedFusion license upgrades, and FusionHub Licenses with standard RMA.

How do I know whether my router is a PrimeCare device?

If you look at the silver label underneath your device, the SKU of a product with PrimeCare will have a -PRM suffix.

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.

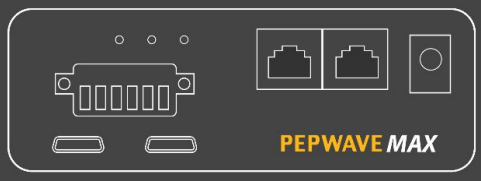
Does the MAX Transit Duo employ Peplink's SpeedFusion technology or PepVPN?

All products include PepVPN, and SpeedFusion Hot Failover is a built-in feature for the MAX Transit Duo.

For the PrimeCare model, you can fully utilize the SpeedFusion technology, including the Hot Failover, WAN Smoothing, and Bandwidth Bonding, without purchasing additional licenses.

For the non-PrimeCare model, you can purchase the license here if you want to experience the speed & reliability of WAN Smoothing and Bandwidth Bonding.

https://estore.peplink.com/products/max-tst-duo-lc-sf



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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 that you won't experience interruptions in your activities.

What is WAN Smoothing?

WAN Smoothing utilizes intelligent algorithms to fill gaps in connectivity, trading bandwidth for greater connection resiliency. As a result, 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 gaps in data and eliminating the effects of packet loss.

What is Bandwidth Bonding?

Bandwidth bonding combines data at the packet level, enabling you to combine the speed of up to 13 connections. This feature is useful for situations where bandwidth is scarce, such as at a remote site or in a moving vehicle. This technology also enables branch offices to connect to the main office at higher connection speeds.

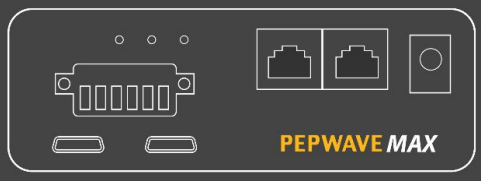
How can I purchase a license for SpeedFusion Cloud with higher traffic speed and additional usage?

Easily! You can purchase a license here.

Using the MAX Transit Duo

What size SIMs do I need with the MAX Transit Duo?

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



FAQ - MAX Transit Duo

What voltage is required?

The router includes an AC plug-in-wall power supply. However, you 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.) Even more, you can power the router with only 1 of the 2 Micro-USB B ports. You can use the 3 power inputs simultaneously for redundancy.

What is the typical power consumption?

The typical power consumption is 9.2W.

What is the maximum power consumption?

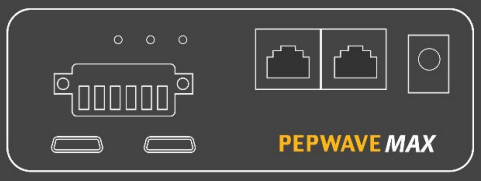
The maximum power consumption is 18W.

How do I configure/set a large number of MAX Transit Duo remotely?

InControl 2 provides full-fleet device management and a real-time geographic overview of the entire fleet when used in combination with our vehicle-mounted, GPS-enabled devices like MAX Transit Duo. In addition, 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 to save configuration time, minimize truck rolls, stay on top of the status of your network, and proactively resolve any emerging problems with speed and precision.

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.



FAQ - MAX Transit Duo

Licenses and Accessories

Where can I get the InControl2 license?

Every MAX Transit Duo comes with a year's subscription to InControl 2 (IC2) with a valid warranty. Additional purchase is not required.

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

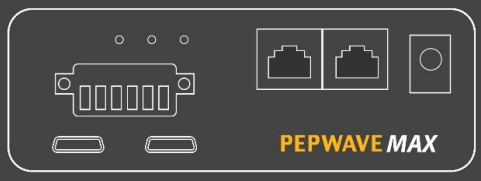
	PrimeCare		
MAX Transit Duo LTEA	[1-Year]	[2-Year]	[4-Year]

Non-PrimeCare devices (SKU no. ending without -PRM) can subscribe to EssentialCare / SmartCare based on your model to use InControl 2.

	EssentialCare	SmartCare
MAX Transit Duo	-	[1-Year | 3-Year]
MAX Transit Duo LTE	[1-Year | 2-Year]	-
MAX Transit Duo LTEA	[1-Year | 2-Year]	[1-Year | 3-Year]

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

Yes. First, you need a Peplink device. Then, you will need an inexpensive additional license (LIC-OPN-WAN) to enable OpenVPN WAN.



FAQ - MAX Transit Duo

What if I need more than 2 PepVPNs?

The MAX Transit Duo enables 2 PepVPN connections. To enable 5 PepVPN Peers, you will need one of our PrimeCare models.

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 customers like no other manufacturer.

I can't access the Internet via the MAX Transit Duo. So, what can I do to fix this?

Visit this link (troubleshooting section) for a basic troubleshooting guide. If that doesn't work, reach out on our forum, and the team will get you online.