

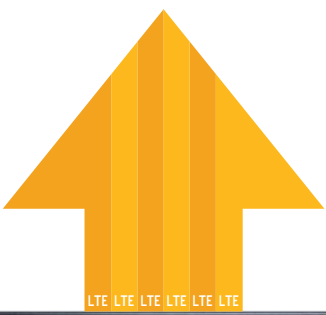


Upgradable Multi-Cellular
Gigabit LTE Powerhouse

MBX Pro

Works With

And worldwide 4G LTE/3G carriers



Multi Cellular Bandwidth Bonding

The MBX Pro is capable of combining the bandwidth of up to 6 cellular links into an unbreakable, high-speed SD-WAN connection. The MBX Pro supports up to 12 SIM cards, with room for another 8 with the optional SIM Injector. With up to 20 cellular providers to connect to, spotty coverage will simply not be a problem.

Ready for any Environment

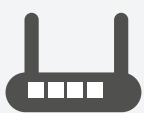
The MBX Pro is designed for industrial usage. With its fanless design, it thrives in high-particle environments that would break other fan-based routers. The MBX Pro also comes with 8x 802.3at PoE outputs to power your IP phones, cameras, and access points. Finally, the MBX has the same dimensions as the previous HD4, so it can fit seamlessly into any of your previous deployments.



IP Phones



Surveillance

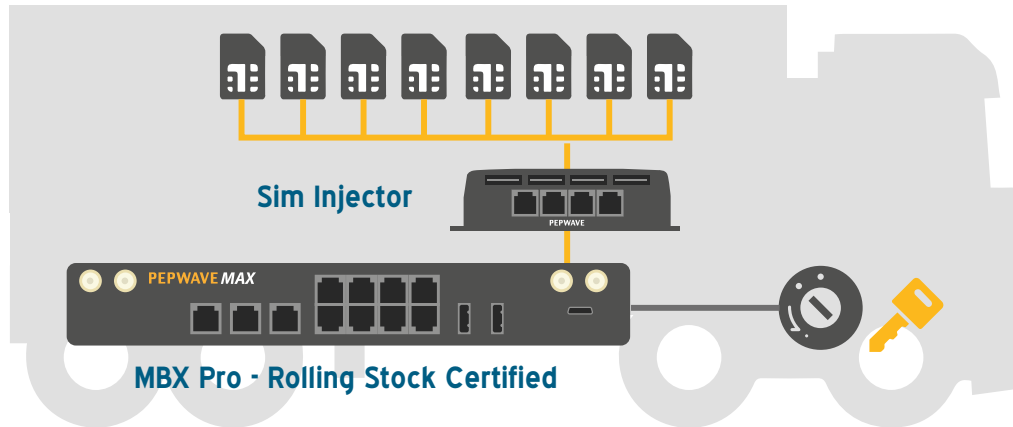


Access Points



802.3at PoE





Ready to Move

The MBX Pro comes with multiple features to make it ideal for on-the-go deployments. Ignition Sensing gives it the ability to turn on and off depending on whether the vehicle has started. Upon vehicle shutdown, the MBX Pro can also shut down after a user-defined interval, saving the battery from excessive drain.

The MBX Pro supports the optional SIM Injector, which adds another 8 cellular providers to connect with. This mitigates weak spots in cellular coverage, ensuring consistent connectivity. If your deployment crosses national boundaries, you can also use the SIM Injector to load multiple SIM cards, preventing roaming charges. Finally, the MBX Pro has rolling stock certification, meeting the strictest requirements of transportation deployments.

**Upgradable
Cellular Module, 5G.**

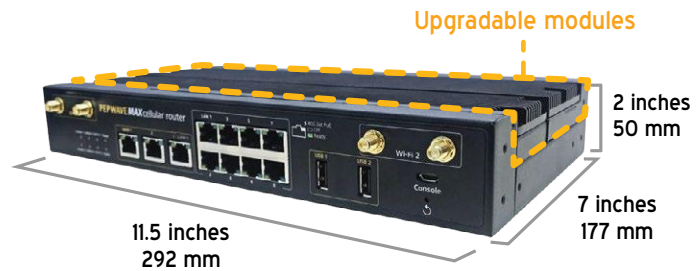


Gigabit LTE Ready for 5G

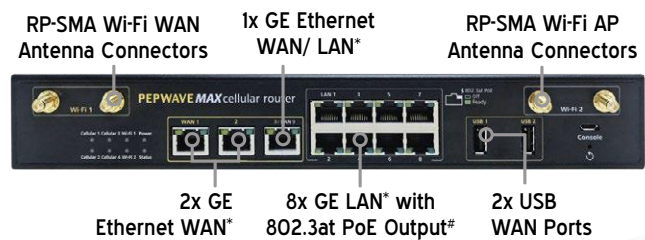
Right out of the box, the MBX Pro supports Gigabit LTE. For future technologies, the MBX features a swappable cellular module, so when you need to upgrade to 5G, you can simply swap your old one with a new one. The MBX is also capable of 2.5Gbps of throughput, giving you plenty of bandwidth for Gigabit Ethernet, 5G, or any future mobile technologies. 2.5Gbps also gives your wired connections plenty of room to operate in concert with wireless connections, building network resilience and ensuring that your branch office stays up.

SPECIFICATIONS

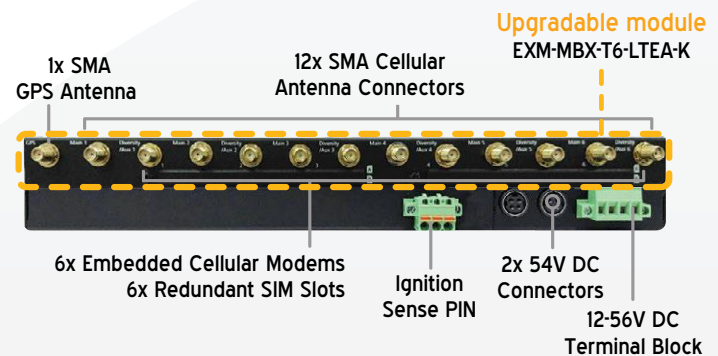
- **WAN Interface:** 2x USB Interface, 3x GE*, 6x Embedded LTE-A Pro Modems with Redundant SIM Slots
- **LAN Interface:** 9x GE*
- **Wi-Fi Interface:** 802.11ac, 1166Mbps 2x2 MIMO Wi-Fi WAN and/or AP
- **Router Throughput:** 2.5 Gbps
- **PepVPN Throughput (No Encryption):** 600 Mbps
- **PepVPN Throughput (256-bit AES):** 500 Mbps
- **LTE-A Pro Modems:** 6 Modems, Downlink/Uplink Per Modem: 600 Mbps/150 Mbps
- **Recommended Users:** 50-500
- **Cellular and GPS Antenna Connector:** 12x SMA, 1x SMA GPS, 4x RP-SMA Wi-Fi
- **Power Input:** DC Jack/Terminal Block: 12-56 V#
- **Power Output:** Up to Eight 802.3at PoE Outputs#
- **Power Consumption:** 55W (max.)
- **Dimensions:** 50 x 292 x 177 mm
- **Weight:** 3.3 kg
- **Operating Temperature:** -40° – 65°C
- **Humidity:** 15% – 95% (non-condensing)
- **Certifications:** FCC, CE, RoHS, E-Mark, PTCRB, Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999, Railway Applications: EN 50155, Electromagnetic Compatibility: EN 61000
- **Warranty:** 1-Year Limited Warranty



Front



Back



* WAN 3 is configured as a LAN port by default, configuration is changeable on the Web Admin.

2x 54V DC input is needed for all 8x LAN ports to have 802.3at PoE. Plugging in 1x 54V DC input will result in 4x LAN ports having 802.3at PoE.



ORDERING INFORMATION

Product Code	Description	Carrier / Category	Embedded Modems	4G Bands	3G Bands
MBX-PRO-LTEA-K-T	Includes 1x 54 V Power Supply and PoE License. Enables 4x 802.3at PoE Output Ports	Global / CAT-12	6	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66	B1, B2, B4, B5, B6, B8, B9, B19

Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.