

GX500_G 5G IoT Modem

Wherever You Are, High-Speed 5G Internet Connects!



For RVers *having a*

**Reliable Internet
Connection**

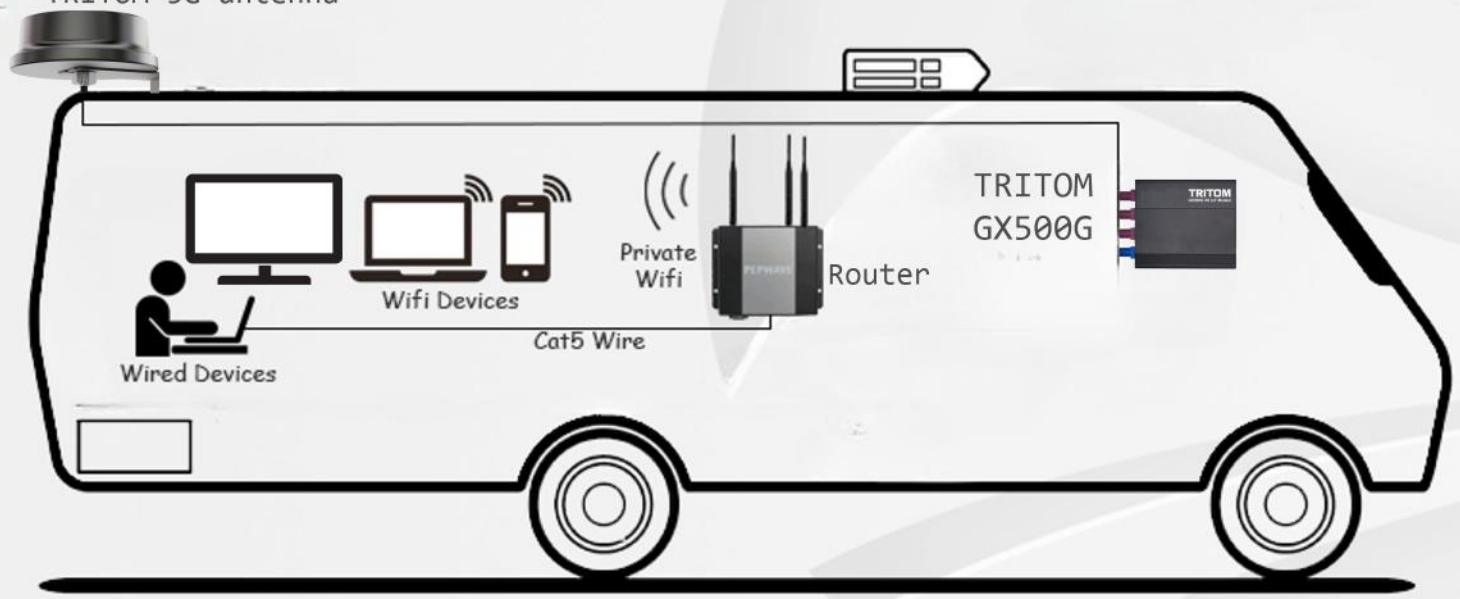
While Camping is Crucial !



Block Diagram

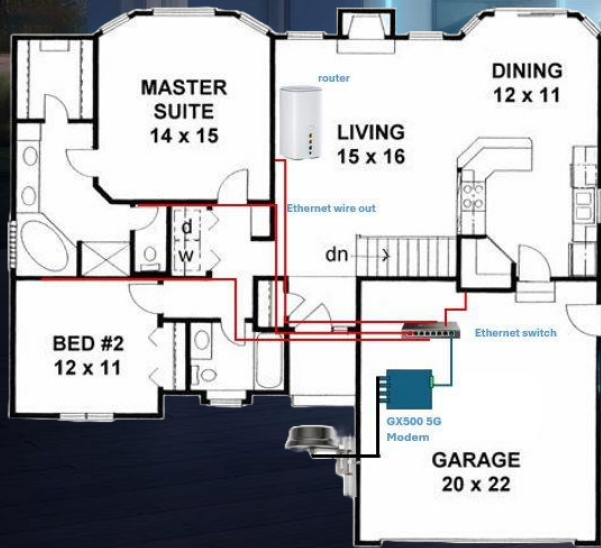


TRITOM 5G antenna



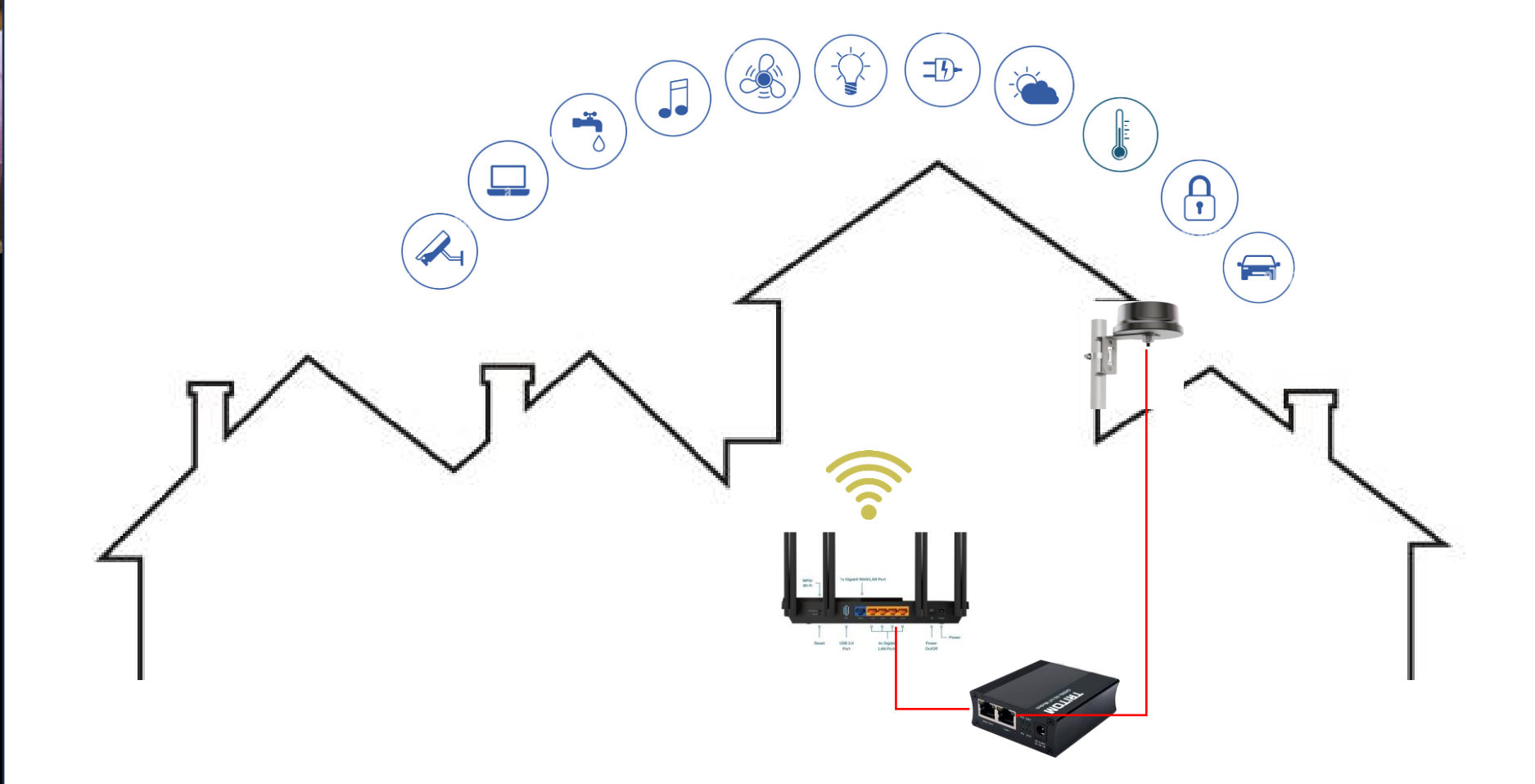
5G Embedded House

Where *Speed* Meets *Comfort*





Block Diagram



Why GX500G



Modem with Antenna

Improved Signal Strength and Quality:

Enhanced Reception: An external antenna can significantly improve signal strength, especially in areas with weak or fluctuating signals.

Reduced Interference: External antennas can be positioned to reduce interference from obstacles and other electronic devices, resulting in clearer and more stable connections.

Wherever Wheels Roll, High-Speed Internet Connects!

Mobility and Portability:

Ease of Installation: A 5G modem can be set up quickly and easily without the need for complex wiring or professional installation, making it ideal for temporary setups, events, or locations where fiber installation is impractical.

Portability: You can move a 5G modem to different locations without needing to reinstall fiber infrastructure, providing flexibility for users who may need internet access in multiple places.

Coverage in Remote Areas:

Expanded Reach: 5G can provide high-speed internet access in areas where fiber infrastructure has not been developed, such as rural or underserved regions.

Speed and Latency:

High-Speed Internet: 5G networks offer significantly faster download and upload speeds compared to older mobile networks, often rivaling fiber optic speeds.

Low Latency: 5G technology offers low latency, which is beneficial for applications that require real-time communication, such as online gaming, video conferencing, and autonomous systems.

Cost and Infrastructure:

Lower Initial Investment: Setting up a 5G modem can be less expensive than laying fiber optic cables, especially in areas where infrastructure needs to be built from scratch.

Scalability: It is easier and more cost-effective to scale 5G coverage by adding more base stations than to expand fiber optic networks, which require significant construction efforts.



Features

&



Benefits

Blazing Fast Internet:

GX500G with 5G networking provides exceptionally fast download and upload speeds, enabling you to stream high-definition TV and movies, video conference and kid's gaming seamlessly.

Meantime, many RVs are equipped with smart devices that can be controlled remotely. With **GX500G**, you can manage and monitor your RV's temperature, security cameras, and other smart devices while away.

Family Connectivity:

Keep in touch with loved ones through video calls and social media, sharing your travel experiences and staying connected regardless of your location.

Safety and Emergency:

Preparedness: In case of emergencies, having connect to **GX500G** allows you to communicate with emergency services, access weather updates, and stay informed about local conditions.

Location Independence:

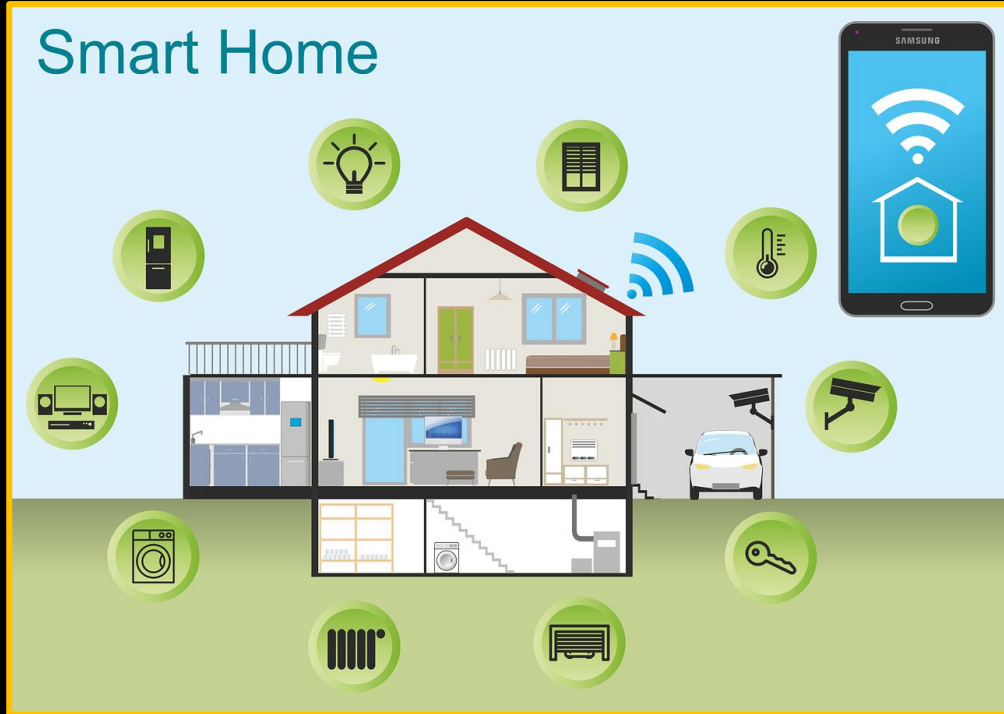
5G connectivity is less reliant on physical infrastructure like landlines or cable connections, giving you the freedom to access the internet wherever a 5G signal is available.

Seamless IoT Integration:

As the 5G Internet of Things (IoT) becomes more prevalent, **GX500G** can support the wireless connection of smart devices within your RV, enhancing automation, security, and convenience.



Total 5G Onboarding Solution on Microsoft Azure



View device detail information

Search device by domain

Show/Move/Hide device on map

Download device's last 24 hours data log

Device dashboard embedded HTML code for 3rd party usage

Bulk real-time device control by SMS

Device history data export

Send commands from cloud to device

FW upgrade from Cloud to device



TRITOM GX500g

5G Ethernet Modem & 5G Antenna

Specification

Status	Specification	
Network Processor	MediaTek 7621A	Dual-core 880Mhz network processor
RAM	128MB	
Flahs	16MB	
User storage	1MB 32GB	internal with SD card socket (order number: GX500gx)
5G processor	Qualcomm SDX62	
Support Bands	Frequency Bands & MIMO & GNSS Systems	
5G NR SA	n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n29/n30/n38/n40/n41/n48/n66/n70/n71/n75/n76/n77/n78/n79 DL 4 × 4 MIMO: n1/n2/n3/n7/n25/n30/n38/n40/n41/n48/n66/n70/n77/n78/n79 UL 2 × 2 MIMO: n38/n41/n48/n77/n78/n79	
5G NR NSA	n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n29/n30/n38/n40/n41/n48/n66/n70/n71/n75/n76/n77/n78/n79 DL 4 × 4 MIMO: n1/n2/n3/n7/n25/n30/n38/n40/n41/n48/n66/n70/n77/n78/n79	
LTE	FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 TDD: B34/B38/B39/B40/B41/B42/B43/B46(LAA)/B48 DL 4 × 4 MIMO: B1/B2/B3/B4/B7/B25/B30/B38/B40/B41/B42/B43/B48/B66	
WCDMA	B1/B2/B4/B5/B8/B19	
GNSS	GPS/GLONASS/BDS/Galileo/QZSS	



GX500G 5G INTERNET
Modem Advanced your RV
business

Contact us now!

bob.m@tricascadeinc.com

Bob McGeeney
Vice President of Sales