Fixed Wireless Elite

UNLIMITED INTERNET PLAN

Unlimited Data

Recommended devices
5 to 500

HARDWARE:

MAX HD4 MBX (CAT-20) Cellular Modem

TERM & PRICING OPTIONS

$819.99 / mo.	$919.99 / mo.	$1,249.99 / mo.
36 month term	24 month term	12 month term

INCLUDED IN FIXED WIRELESS ELITE:

- MAX HD4 MBX (CAT-20)
- Unlimited Cellular Data
- SIM card and network provisioning
- WAN Bonding X4
- 24/7 Support

**Unlimited data plan features
Verizon 5G/4G LTE coverage**

INCLUDED IN ALL FIXED WIRELESS PACKAGES:

Our fixed wireless Internet solutions are self-contained. We provide the hardware, data, and support you need to keep your business running.

- Industrial-Level Cellular Modem
- SIM Cards and Hardware Provisioning
- Unlimited Tier-1 Data
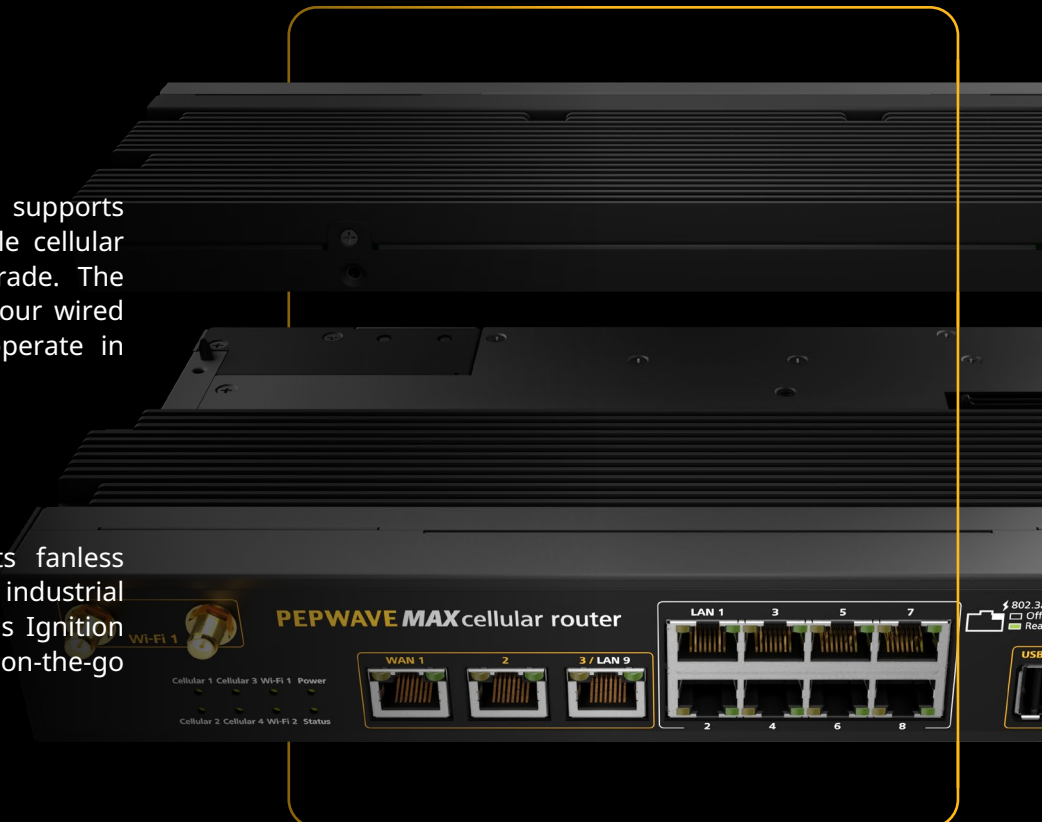- 24/7 Hardware & Data Support

MBX

Multi Cellular Mobile Powerhouse

Upgradable Gigabit LTE

Right out of the box, the MBX supports Gigabit LTE. It futures a swappable cellular module when you need an upgrade. The MBX's 2.5Gbps throughput gives your wired connections plenty of room to operate in concert with wireless connections.

Ready to Move

Its compact form paired with its fanless design allows it to be deployed for industrial applications, while features such as Ignition Sensing make it ready for on-the-go deployments.
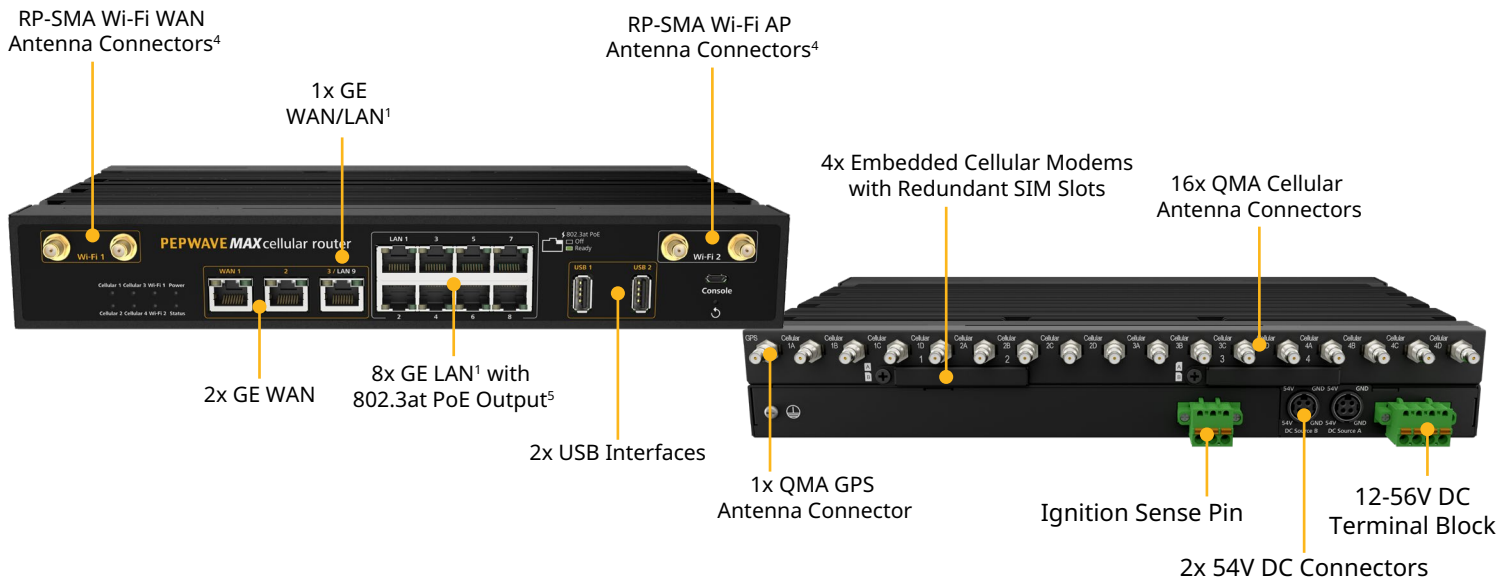
Multi Cellular Bandwidth Bonding

The MBX is a multi cellular mobile powerhouse with redundant SIM slots and multi-radio capabilities providing speed, reliability, and coverage by connecting to a maximum of 8 different cellular providers.

Compatible with SIM injector

Throw in the SIM Injector to add room for another 8 SIMs that can be managed up to 100m away. Eliminate spotty coverage with up to 16 different connectivity channels.

HD4 MBX (CAT-20)

peplink

RP-SMA Wi-Fi WAN Antenna Connectors[4]

1x GE WAN/LAN[1]

RP-SMA Wi-Fi AP Antenna Connectors[4]

4x Embedded Cellular Modems with Redundant SIM Slots

16x QMA Cellular Antenna Connectors

2x GE WAN

8x GE LAN[1] with 802.3at PoE Output[5]

2x USB Interfaces

1x QMA GPS Antenna Connector

Ignition Sense Pin

2x 54V DC Connectors

12-56V DC Terminal Block

Specifications

WAN Interface	3x 10/100/1000M Ethernet [1] 4x Embedded Cellular Modems with Redundant SIM Slots 2x USB Interface	**Power Input**	Power Port: 12V – 56V DC AC Adapter: AC Input 100V–240V / DC Output 12V Terminal Block: 12V – 56V DC
LAN Interface	9x 10/100/1000M Ethernet [1]	**Power Output**	Up to 8x 802.3at PoE Outputs [5]
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 5 2x2 MIMO Wi-Fi WAN and/or AP	**Power Consumption**	55W (max.)
		Dimensions	1.7 x 11.5 x 7.0 inches / 43 x 292 x 177 mm
SpeedFusion Features	Hot Failover, WAN Smoothing, Bandwidth Bonding	**Weight**	7.28 pounds / 3.3 kg
Number of PepVPN SpeedFusion Peers	2 / 20 / 50 [2]	**Operating Temperature**	-40° – 149°F / -40° – 65°C
Features	Ignition Sensing	**Humidity**	15% – 95% (non-condensing)
Router Throughput	2.5Gbps	**Certifications**	FCC, CE, RoHS, E-Mark, PTCRB EN61373 Shock and Vibration Resistance EN50155 Railway Applications - Electronic Equipment used on Rolling Stock EN61000 Electromagnetic Compatibility ESN (Emergency Services Network)
SpeedFusion Throughput (No Encryption)	600 Mbps		
SpeedFusion Throughput (256-bit AES)	500 Mbps		
Recommended Users	50-500	**Package Content [6]**	1x MAX HD4 MBX 4x Wi-Fi Dual Band Antennas (ACW-341) 1x GPS Active Antenna (ACW-232) 1x QMA to SMA Adaptor (for GPS) 1x Power Supply (ACW-630) 1x 3pin Terminal Block Connector (Ignition sense) 1x 4pin Terminal Block Connector (Power supply) 1x Grounding Cable & Rubber Foot Pad Set 1 Pair of Mounting Brackets (ACW-513)
Cellular Data Rate [3] (Downlink / Uplink)	2 Gbps / 211 Mbps		
Antenna Connectors	16x QMA Cellular Antenna Connectors 4x RP-SMA Wi-Fi Antenna Connectors [4] 1x QMA GPS Antenna Connector	**Warranty**	1-Year Limited Warranty

[1] WAN 3 is configured as a LAN port by default, configuration is changeable on the Web Admin.
[2] With purchase of optional SpeedFusion License (MAX-HD-020-SPF/SFN-LC-50) can connect to up to 20/50 SpeedFusion peers respectively.
[3] Maximum theoretical data rates.
[4] For the best performance and reliability, all 4 RF connectors must be connected to the same type and performance antennas.
[5] 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.
[6] Cellular antennas not included. To enhance the MBX, Peplink antennas are recommended.

HD4 MBX

peplink

Ordering Information (CAT-20)

Product Code

MAX-HD4-MBX-GLTE-S-T

Embedded Modem(s):
4x LTE-A Pro (CAT-20)

Regions

Primary: Global

US Carrier Certifications:
FirstNet, AT&T, T-Mobile, Verizon

LTE Bands

B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46 (LAA), B48, B66, B71

3G Bands

HSPA+/WCDMA: B1, B2, B3, B4, B5, B6, B8, B9, B19