

# MAX HD2 MBX

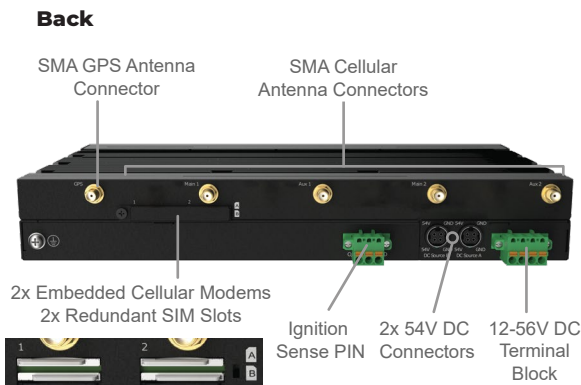
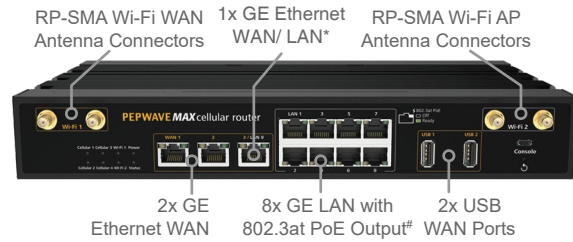
## Upgradable Multi-Cellular Gigabit LTE Powerhouse

CAT-12



### Specifications

MAX HD2 MBX (CAT-12)	
WAN Interface	2x USB Interface 3x GE*
LAN Interface	2x Embedded LTE-A Pro Modems with Redundant SIM Slots 9x GE*
Wi-Fi Interface	802.11ac/a/b/g/n, 1166 Mbps 2x2 MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band
Router Throughput	2.5 Gbps
Number of PepVPN SpeedFusion Peers	2/20^
PepVPN Throughput (No Encryption)	600 Mbps
PepVPN Throughput (256-bit AES)	500 Mbps
LTE-A Pro Modems	2x Modems, Downlink/Uplink Per Modem: 600 Mbps/150 Mbps
Recommended Users	50-500
Cellular and GPS Antenna Connector	4x SMA Antenna Connectors 1x SMA GPS Antenna Connector 4x RP-SMA Wi-Fi Antenna Connectors
Power Input	DC Jack/Terminal Block: 12-56 V#
Power Output	Up to Eight 802.3at PoE Outputs#
Power Consumption	55 W (max.)
Dimensions	2.0 x 11.5 x 7.0 inches 50 x 292 x 177 mm
Weight	7.28 pounds 3.3 kg
Operating Temperature	-40 ° – 149 °F -40 ° – 65 °C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS, RCM, 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
Package Content	MAX HD2 MBX, PSU (ACW-630), 4x Dual Band Wi-Fi Antennas (ACW-341), 1x GPS Active Antenna (ACW-232), 4x 2dBi 4G LTE Antennas (ACW-813), 1 Pair of Mounting Brackets (ACW-731), 1x SIM Cover



\* 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.

^ With purchase of optional SpeedFusion License (MAX-HD-020-SPF) can connect to up to 20 SpeedFusion peers.

### Ordering Information

	Product Code	Embedded Modems	Description	Carrier/Category	4G Bands	3G Bands
LTE-A Pro	MAX-HD2-MBX-LTEA-R-T	2	Includes 1x 54 V Power Supply and PoE License. Enables 4x 802.3at PoE Output Ports	America / FirstNet / CAT-12	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66	B1, B2, B4, B5, B6, B8, B9, B19
	MAX-HD2-MBX-LTEA-K-T	2	Includes 1x 54 V Power Supply and PoE License. Enables 4x 802.3at PoE Output Ports	Global*/ CAT-12	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

\* China & HK TD LTE are excluded.