

MAX HD4

Quad 4G LTE Mobile Router



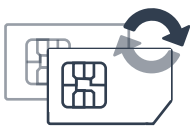
Compatible With:



*Selected models

Quad 4G LTE Mobile Router

The MAX HD4 delivers outstanding performance from all your connections with the help of SpeedFusion bandwidth bonding and intelligent load balancing.



Quad Embedded Cellular and Redundant SIM Slots

Quad Cellular Modems and Redundant SIM slots allow you to use up to four different cellular providers for bandwidth bonding, data overage protection or eliminating blind spots.



Fleet Tracking and Management

With built-in GPS fleet tracking and InControl 2 cloud-based management, you can keep tabs on location and manage your mobile network from any Internet-connected device.



Terminal Block for Secure Power Supply

The MAX HD4 is equipped with a terminal block for secure installation in vehicles and other locations.

SpeedFusion™
VPN Bonding Technology



SpeedFusion Bandwidth Bonding and Seamless Failover

SpeedFusion bandwidth bonding technology bonds all connected bandwidth into a single superfast stream, using the same or different cellular providers.



Customize Captive Portal

Branding your captive portal is as easy as uploading your logo and terms & conditions. You can easily set bandwidth allowance and access duration per user or manage access using RADIUS server.

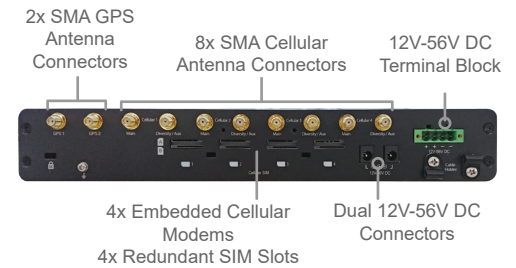
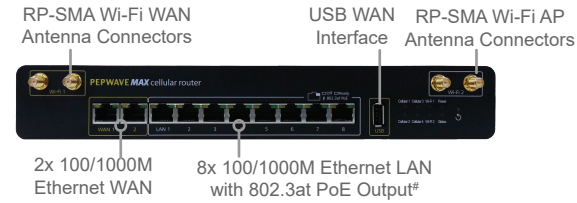
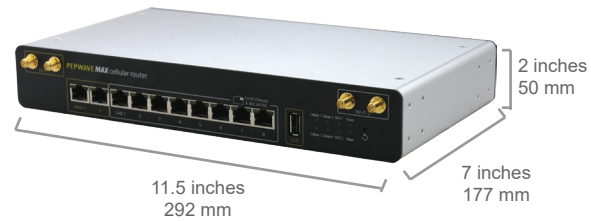


Certified Toughness

In addition to rugged metal enclosure, the MAX HD4 has certifications on:
Shock and vibration resistance (EN 61373:1999, IEC 61373:1999)
Railway applications (EN 50155)
Electromagnetic Compatibility (EN 61000)

Specifications

MAX HD4	
WAN Interface	1x USB Interface 2x GE 4x Embedded LTE-A Modems with Redundant SIM Slots
LAN Interface	8x 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	400Mbps
Recommended Users	500
LTE Modem	Downlink/Uplink Datarate: 100Mbps/50Mbps
LTE-A Modem	Downlink/Uplink Datarate: 300Mbps/50Mbps
LTE-A Pro Modem	Downlink/Uplink Datarate: 600Mbps/150Mbps
Cellular and GPS Antenna Connector	8x SMA Antenna Connectors 2x SMA GPS Antenna Connector 4x RP-SMA Wi-Fi Antenna Connectors, With Antennas
Power Input	DC Jack/Terminal Block: 12V - 56V, 4A
Power Output	Up to Eight 802.3at PoE Outputs
Power Consumption	38W (max. before PoE Output)
Dimensions	2.0 x 11.5 x 7.0 inches 50 x 292 x 177 mm
Weight	4.20 pounds 1.9 kg
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS, E-Mark, IC 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 HD4, 1x 12V4.2A Power supply with power cord (ACW-635), 4x Wi-Fi Dual Band Antennas (ACW-341), 1x GPS Antenna (ACW-232), 4x LTE Antennas (ACW-813), 1 Pair of Mounting Brackets (ACW-513)



Ordering Information

	Product Code	Carrier/Region	Embedded Modems	Cellular Standard	4G Bands	3G Bands
LTE-A	MAX-HD4-LTE-W-T	Worldwide / CAT-6	4	LTE Advanced	B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	MAX-HD4-LTE-P-T	Asia Pacific / CAT-6	4	LTE Advanced	B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8, B9, B19 UMTS: B6 TD-SCDMA: B39
	MAX-HD4-LTEA-WF-T	America / FirstNet / CAT-12 / CAT-6	4	LTE Advanced Pro: Cellular 1 LTE Advanced: Cellular 2-4	Cellular 1: 4G LTE-A Pro: B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66 Cellular 2-4: 4G LTE-A: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	Cellular 1: HSPA+: B1, B2, B4, B5, B6, B8, B9, B19 Cellular 2-4: WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	MAX-HD4-LTEA-WK-T	Global* / CAT-12 / CAT-6	4	LTE Advanced Pro: Cellular 1 LTE Advanced: Cellular 2-4	Cellular 1: 4G LTE-A Pro: B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66 Cellular 2-4: 4G LTE-A: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	Cellular 1: HSPA+: B1, B2, B4, B5, B6, B8, B9, B19 Cellular 2-4: WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
LTE	MAX-HD4-LTE-E-T	Europe / International / CAT-4	4	LTE	B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8

*China & HK TD LTE are excluded.

Custom Options

Product Code	Description
ACW-618	Includes 2x 56V/2.1A Power Supply Enable 8x 802.3at/af PoE+ Output
ACW-622	Includes 1x 56V Power Supply Enables 802.3af PoE Output Ports (PoE License automatically applied after kit purchase)
MAX-HD-020-SPF	Supports up to 20 PepVPN/SpeedFusion Peers
MAX-HD4-LC-5WAN	WAN Port Activation License for MAX HD4. Convert LAN ports 1-3 to WAN ports 3-5.
PUMA-401-S-W-6	5-in-1 Cellular Antenna System with GPS Receiver (White)
PUMA-401-S-B-6	5-in-1 Cellular Antenna System with GPS Receiver (Black)
PUMA-421-S-W-6	7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White)
PUMA-421-S-B-6	7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black)
PUMA-020-R-W-6	2x2 MIMO Wi-Fi Dual Band Antenna (White)
PUMA-020-R-B-6	2x2 MIMO Wi-Fi Dual Band Antenna (Black)