

MAX HD2/4 with MediaFast

Dual/Quad 4G LTE Content Caching Router

PEPWAVE
Broadband Possibilities



Quad 4G LTE Content Caching Router

The MAX HD2 and HD4 with MediaFast team up embedded cellular modems and other great features of the HD Series with our MediaFast content caching, which lets you store content for later playback anywhere, regardless of connectivity.



Dual/Quad Embedded Cellular Modems

The MAX with MediaFast includes up to four built-in 4G LTE modems. It allows you to use the same or different cellular providers for bandwidth bonding, data overage protection or eliminating blind spots.

SpeedFusion™
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.

Works with:



iTunes U



iOS Updates



TED.com

and more...



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.



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.



Mobile Content Caching

Deliver endless content without consuming endless bandwidth. The MediaFast Editions of the HD2 and HD4 let you download content once and play it back without limit, even in locations where connectivity is spotty or absent.



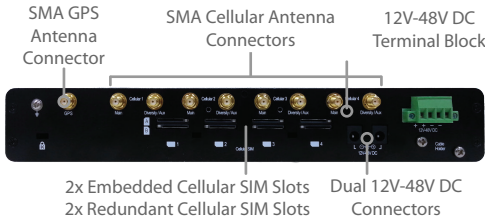
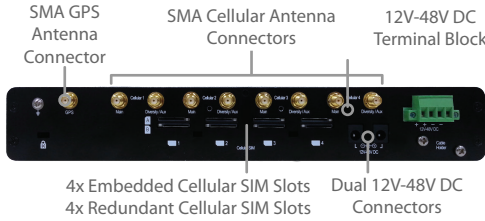
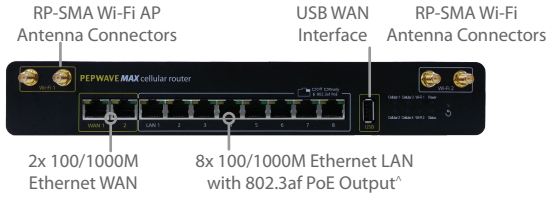
Certified Toughness

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

Specifications

	MAX HD2 with MediaFast	MAX HD4 with MediaFast
WAN Interface	2x Embedded LTE Modems with Redundant SIM Slots 1x USB Interface 2x GE	4x Embedded LTE Modems with Redundant SIM Slots 1x USB Interface 2x GE
LAN Interface	8x GE	
Wi-Fi Interface	802.11a/b/g/n 300Mbps 2x2 MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band AP	
Disk Drive	120GB SSD	
Cache Throughput	150Mbps	
Router Throughput	80Mbps	
Recommended Users	25-150	50-500
Cellular and GPS Antenna Connector	8x SMA Antenna Connectors 1x SMA GPS Antenna Connector 4x Dual Band Wi-Fi Antennas	
Power Input	DC Jack/Terminal Block: 12V - 48V, 4A	
Power Output	Up to Eight 802.3af PoE Outputs [#]	
Power Consumption	38W (max.)	
Dimensions	1.9 x 11.5 x 6.9 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 EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance: EN 50155: Railway Applications EN 61000: Electromagnetic Compatibility	
Warranty	1-Year Limited Warranty	

[#]PoE Kit is available separately.



Ordering Information

MAX HD2 with MediaFast					
	Product Code	Carrier	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
4G LTE	MAX-HD2-MFA-LTE-US-T	Verizon/AT&T/T-Mobile	2	4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700, B25/1900	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B4/AWS, B5/850, B8/900 EV-DO Rev.A: BC0/800, BC1/1900, BC10/800
	MAX-HD2-MFA-LTE-UE-T	Cellular 1: Verizon/AT&T/T-Mobile Cellular 2: Europe/International	2	Cellular 1 4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700, B25/1900 Cellular 2 4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	Cellular 1 WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B4/AWS, B5/850, B8/900 EV-DO Rev.A: BC0/800, BC1/1900, BC10/800 Cellular 2 WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
	MAX-HD2-MFA-LTE-E-T	Europe/International	2	4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
MAX HD4 with MediaFast					
	Product Code	Carrier	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
4G LTE	MAX-HD4-MFA-LTE-US-T	Verizon/AT&T/T-Mobile	4	4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700, B25/1900	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B4/AWS, B5/850, B8/900 EV-DO Rev.A: BC0/800, BC1/1900, BC10/800
	MAX-HD4-MFA-LTE-UE-T	Cellular 1 & 2: Verizon/AT&T/T-Mobile Cellular 3 & 4: Europe/International	4	Cellular 1 & 2 4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700, B25/1900 Cellular 3 & 4 4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	Cellular 1 & 2 WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B4/AWS, B5/850, B8/900 EV-DO Rev.A: BC0/800, BC1/1900, BC10/800 Cellular 3 & 4 WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
	MAX-HD4-MFA-LTE-E-T	Europe/International	4	4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
PoE Activation Kit					
	Product Code	Description			
	ACW-609	Includes 1x 48V Power Supply and PoE License. Enables 4x 802.3af PoE Output Ports Requires 2x ACW-609 to enable all PoE ports			

Works With

verizon

at&t

T-Mobile

And worldwide 4G LTE/3G carriers

^{*}Specifications vary across different models. For the most updated specifications, please refer to our website.