MAX HD2/4 with MediaFast

peplink | PEPWAVE

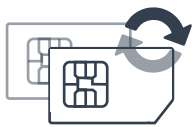## Dual/Quad 4G LTE Content Caching Router

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.

Works with:

iTunes U   iOS Updates   TED.com   and more...

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.

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.

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.

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.
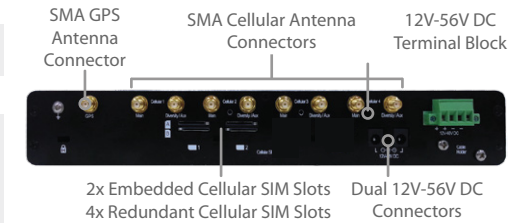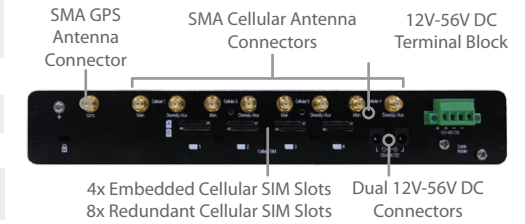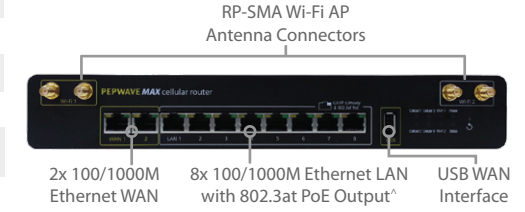
Certified Toughness

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	802.11ac/a/b/g/n 1166Mbps 2x2 MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band AP	
Disk Drive	120GB SSD	
Cache Throughput	150Mbps	
Router Throughput	400Mbps	
Recommended Users	150	500
LTE Modem	Downlink/Uplink Datarate: 100Mbps/50Mbps	
LTE-A Modem	Downlink/Uplink Datarate: 300Mbps/50Mbps	
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 - 56V, 4A	
Power Output	Up to Eight 802.3at PoE Outputs#	
Power Consumption	38W (Max. Before PoE Output)	
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, IC 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.

1.9 inches 50 mm

11.5 inches 292 mm

6.9 inches 177 mm

RP-SMA Wi-Fi AP Antenna Connectors

2x 100/1000M Ethernet WAN

8x 100/1000M Ethernet LAN with 802.3at PoE Output^

USB WAN Interface

SMA GPS Antenna Connector

SMA Cellular Antenna Connectors

12V-56V DC Terminal Block

4x Embedded Cellular SIM Slots 8x Redundant Cellular SIM Slots

Dual 12V-56V DC Connectors

SMA GPS Antenna Connector

SMA Cellular Antenna Connectors

12V-56V DC Terminal Block

2x Embedded Cellular SIM Slots 4x Redundant Cellular SIM Slots

Dual 12V-56V DC Connectors

Compatible With:
verizon✓ Sprint at&t T·Mobile
ROGERS TELUS Bell U.S. Cellular

*Selected models

Ordering Information

MAX HD2 with MediaFast

	Product Code	Carrier	Embedded Modems	Cellular Standard	4G Bands	3G Bands
LTE	MAX-HD2-MFA-LTE-E-T	Europe/International	2	LTE	B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8
LTEA	MAX-HD2-MFA-LTEA-W-T	Worldwide	2	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-HD2-MFA-LTEA-P-T	Asia Pacific	2	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 with MediaFast

	Product Code	Carrier	Embedded Modems	Cellular Standard	4G Bands	3G Bands
LTE	MAX-HD4-MFA-LTE-E-T	Europe/International	4	LTE	B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8
LTEA	MAX-HD4-MFA-LTEA-W-T	Worldwide	4	LTE Advanced	B5, B7, B8 , B12, B13, B20, B25, B26, B29, B30, B41	WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	MAX-HD4-MFA-LTEA-P-T	Asia Pacific	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

Add-on Feature

Product Code	Description
MFA-HD2-LC-SF	SpeedFusion Bonding License Key for MAX HD2 with MediaFast
MFA-HD4-LC-SF	SpeedFusion Bonding License Key for MAX HD4 with MediaFast

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