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.

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.

Certified Toughness
In addition to rugged metal enclosure, HD4 has certifications on:
- Railway applications (EN 50155)
- Electromagnetic Compatibility (EN 61000)
### Specifications

**MAX HD2 with MediaFast**
- 2x Embedded LTE Modems with Redundant SIM Slots
- 1x USB Interface
- 2x GE

**MAX HD4 with MediaFast**
- 4x Embedded LTE Modems with Redundant SIM Slots
- 1x USB Interface
- 2x GE

### WAN 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

### Route Throughput
- 400Mbps

### Recommended Users
- 150
- 500

### LTE Modern
- Downlink/UpLink Data Rate: 100Mbps/50Mbps
- Downlink/UpLink Data Rate: 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 80.3at 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
- EN 50155: Railway Applications
- EN 61000: Electromagnetic Compatibility

### Warranty
- 1-Year Limited Warranty

### Ordering Information

**MAX HD2 with MediaFast**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Carrier</th>
<th>Embedded Modems</th>
<th>Cellular Standard</th>
<th>4G Bands</th>
<th>3G Bands</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX-HD2-MFA-LTE-E-T</td>
<td>Europe/International</td>
<td>2</td>
<td>LTE</td>
<td>B1, B2, B5, B7, B8, B20, B39 (TDD), B40 (TDD), B41</td>
<td>WCDMA/HSPA+/DC-HSPA+ = B1, B2, B5, B8</td>
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<tr>
<td>MAX-HD2-MFA-LTE-P-T</td>
<td>Worldwide</td>
<td>2</td>
<td>LTE Advanced</td>
<td>B1, B2, B3, B4, B5, B7, B8, B10, B19, B21, B26, B38, B39, B40, B41</td>
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<td>MAX-HD4-MFA-LTE-E-T</td>
<td>Europe/International</td>
<td>4</td>
<td>LTE</td>
<td>B1, B2, B5, B7, B8, B20, B39 (TDD), B40 (TDD), B41 (TDD)</td>
<td>WCDMA/HSPA+/DC-HSPA+ = B1, B2, B5, B8</td>
</tr>
<tr>
<td>MAX-HD4-MFA-LTE-W-T</td>
<td>Worldwide</td>
<td>4</td>
<td>LTE Advanced</td>
<td>B5, B7, B8, B10, B13, B20, B25, B36, B39, B40, B41</td>
<td>WCDMA/HSPA+/DC-HSPA+ = B1, B3, B4, B5, B8</td>
</tr>
<tr>
<td>MAX-HD4-MFA-LTE-P-T</td>
<td>Asia Pacific</td>
<td>4</td>
<td>LTE Advanced</td>
<td>B1, B3, B5, B7, B8, B10, B19, B21, B26, B38, B39, B40, B41</td>
<td>WCDMA/HSPA+/DC-HSPA+ = B1, B3, B4, B5, B8</td>
</tr>
</tbody>
</table>

*PoE Kit is available separately.

*Selected models

**WAN Interface**: 2x 100/1000M Ethernet WAN
- 8x 100/1000M Ethernet LAN with 802.3at PoE Output*

**Antenna Connectors**: SMA Cellular Antenna Connectors
- SMA GPS Antenna Connectors

**Power Input**: Dual 12V-56V DC Terminal Block

**Power Output**: Up to Eight 80.3at PoE Outputs*

**Dimensions**: 11.5 inches x 292 mm, 2x GE

**Weight**: 2.00 pounds, 0.91 kg

**Operating Temperature**: -40° ~ 149°F, -40° ~ 65°C

**Humidity**: 15% ~ 95% (non-condensing)

**Certifications**: FCC, CE, RoHS, E-Mark
- EN 50155: Railway Applications
- EN 61000: Electromagnetic Compatibility

**Warranty**: 1-Year Limited Warranty

**Package**: 2x Embedded LTE Modems
- 4x Embedded LTE Modems
- 1x USB Interface
- 2x GE

**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 50155: Railway Applications
- EN 61000: Electromagnetic Compatibility

**Warranty**: 1-Year Limited Warranty

**Compatible With**

- Peplink
- PEPWAVE

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