

# Transit 5G

| 5G Mobile Router Engineered for Transportation Deployments



## Simultaneous Dual-Band Wi-Fi

Reduce Wi-Fi congestion and interference and enjoy two independent networks that work simultaneously to maximize throughput and overall user experience.

## Achieve lower latency, faster speed, and more capability

Transit 5G now supports a wider range of bands offering lower latency to ensure users wield optimal network connectivity.

## High Cellular Data Uplink



## Now available with PrimeCare

Our one-stop central management and warranty subscription makes building and management of your SpeedFusion network simpler than ever. Enjoy SpeedFusion capability, InControl, FusionHub compatibility, and warranty support with our PrimeCare program.



**SpeedFusion + InControl<sup>2</sup> + Warranty**



# MAX Transit 5G



## Specifications

<b>WAN Interface</b>	1x 10/100/1000M Ethernet* 1x Embedded Cellular Modem with Redundant SIM Slots	<b>Recommended Users</b>	150
<b>LAN Interface</b>	1x 10/100/1000M Ethernet	<b>Antenna Connectors</b>	4x SMA Cellular, 1x SMA GPS, 2x RP-SMA Wi-Fi
<b>Wi-Fi Interface</b>	802.11ac/a/b/g/n 2x2 MIMO Simultaneous Dual-Band	<b>Power Input</b>	Power Port: 12V - 48V DC AC Adapter: AC Input 100V - 240V / DC Output 12V Terminal Block: 12V - 48V DC 2x Micro-USB B with 5V, 2A each for Power Input
<b>Transmit Power (2.4GHz / 5GHz)</b>	19 dBm / 21 dBm	<b>Power Consumption</b>	7W (nominal), 18W (max.)
<b>Router Throughput</b>	400 Mbps	<b>Dimensions (L x W x H)</b>	6.3 x 3.8 x 1.3 inches 160 x 97 x 33.5 mm
<b>SpeedFusion throughput (No Encryption)</b>	100 Mbps	<b>Weight</b>	1.3 pounds / 590 grams
<b>SpeedFusion throughput (256-bit AES)</b>	60 Mbps	<b>Operating Temperature</b>	-40° – 149°F / -40° – 65°C
<b>SpeedFusion Features</b>	Hot Failover, WAN Smoothing^ Bandwidth Bonding^	<b>Humidity</b>	15% – 95% (non-condensing)
<b>Number of PepVPN SpeedFusion Peers</b>	5^	<b>Warranty</b>	1-Year Limited Warranty
<b>Cellular Data Rate® (Downlink / Uplink)</b>	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps	<b>Package Content</b>	1x MAX Transit 5G, 12V 2A Power Supply, 2x 5dBi Wi-Fi Antennas, 1x GPS Active Antenna, 4x 2dBi Cellular Antennas, 1 Pair of Mounting Brackets

## Ordering information

Product Code	Description	Embedded Modems	Carrier/ Categories	5G Bands	4G Bands
MAX-TST-5GD-T-PRM	MAX Transit 5G	1	Global/5G	<b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71

## Accessories / Feature Add-on

Product Code	Description
ACW-DIN-TST	DIN Rail Mount
PRM-MAX-TST-5GD-1Y	1 Year PrimeCare Subscription
PRM-MAX-TST-5GD-2Y	2 Years PrimeCare Subscription
PRM-MAX-TST-5GD-4Y	4 Years PrimeCare Subscription

+ The WAN port can act as a LAN port if needed.    ® Theoretical maximum data rates. Available globally. Regional and carrier certification is subject to local approval.

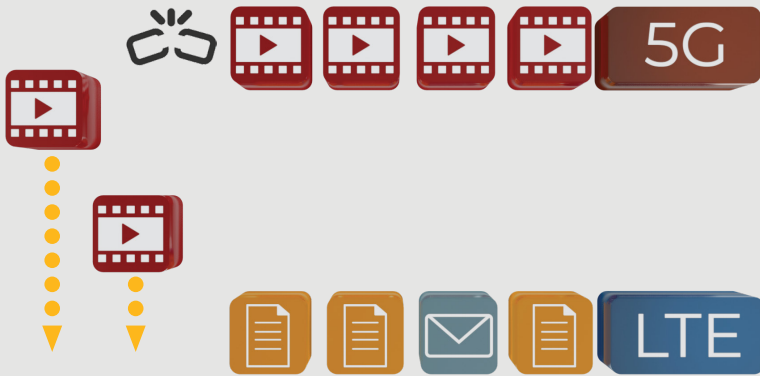
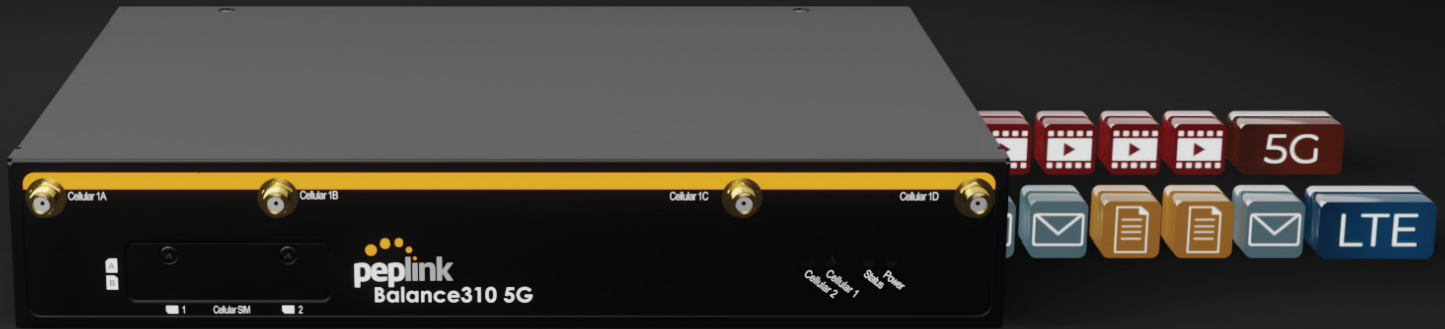
^ Requires PrimeCare Subscription, complementary for the first year.

# B310 5G

## 5G-Hybrid Enterprise Branch Connectivity

### Balance Your Fixed Network with 5G Wireless WAN

With SpeedFusion Cloud you can utilise traffic steering. A technology whereby connections are controlled based on the application, limiting data wastage and traffic.



### Enjoy Speed and Reliability without Having to Compromise

Multi-radio combined with our SpeedFusion Hot Failover technology allows connections of 5G and LTE networks to work simultaneously.



### Control Anytime Anywhere

Remote Central Management with private controller or cloud management.



# Peplink Balance 310 5G<sup>®</sup>



## Specifications

<b>WAN Interface</b>	1x10/100/1000M Ethernet 1x USB Interface 2x Embedded Cellular Modems with Redundant SIM Slots	<b>Recommended Users</b>	50-500
<b>LAN Interface</b>	5x10/100/1000M Ethernet 2x SFP	<b>Cellular Antenna Connector</b>	6x SMA Cellular Antenna Connectors
<b>Router Throughput</b>	1 Gbps	<b>Power Input</b>	12V DC Connector
<b>PepVPN Throughput (No Encryption)</b>	600 Mbps	<b>Power Consumption</b>	17 W (nominal), 30 W (max.)
<b>PepVPN Throughput (256-bit AES)</b>	500 Mbps	<b>Dimensions</b>	9.9 x 7.1 x 2.0 inches 252 x 180 x 50 mm
<b>Cellular 1 Data Rate* (Downlink/Uplink)</b>	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps	<b>Weight</b>	1.65 kg 3.6 pounds
<b>Cellular 2 Data Rate* (Downlink / Uplink)</b>	LTE CAT-12: 600 Mbps / 150 Mbps	<b>Operating Temperature</b>	32°– 104 °F 0°– 40°C
<b>SpeedFusion Features</b>	Hot Failover, WAN Smoothing^ Bandwidth Bonding^	<b>Humidity</b>	10%–85% (non-condensing)
<b>Number of PepVPN SpeedFusion Peers</b>	2/30^	<b>Certifications</b>	FCC, CE
		<b>Package Content</b>	1x Balance 310 5G 1x of 12V5A PSU 1x Power Cord (ACW-614) 4x Rubber Foot 6x Cellular Antenna (ACW-234)

\*Theoretical maximum data rates. ^ Requires PrimeCare Subscription, complementary for the first year. Available globally. Regional and carrier certification is subject to local approval.

## Ordering information

Product Code	Description	Embedded Modems	Carrier/ Categories	5G Bands	LTE Bands
BPL-310-5GD-K-T-PRM	Balance 310 5G with 1x 5G and 1x LTE CAT-12 modems	2	Cellular 1: Global/ 5G  Cellular 2: Global*/ LTE CAT-12	Cellular 1: <b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79	Cellular 1: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71  Cellular 2: B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
BPL-310-5GD-R-T-PRM	Balance 310 5G with 1x 5G and 1x LTE CAT-12 modems	2	Cellular 1: Global/ 5G  Cellular 2: America/ LTE CAT-12	Cellular 1: <b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79	Cellular 1: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71  Cellular 2: B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66

\* China & HK TD LTE are excluded.

## Feature Add-on

Product Code	Description
PRM-BPL-310-5G-1Y	1 Year PrimeCare Subscription
PRM-BPL-310-5G-2Y	2 Years PrimeCare Subscription
PRM-BPL-310-5G-4Y	4 Years PrimeCare Subscription

# MBX 5G

5G Quad Cellular Mobile Powerhouse

peplink | PEPWAVE

## Best of both worlds

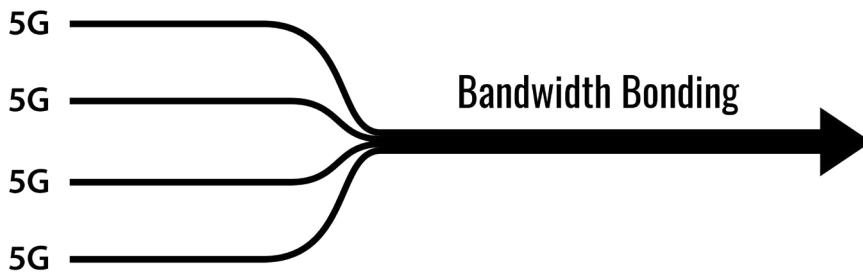
MBX 5G is a quad cellular mobile powerhouse with redundant SIM slots and multi-radio capabilities providing speed, reliability, and coverage by combining the best of 5G and LTE.

## Portability

Its compact form allows it to be deployed in a wide variety of situations such as vehicles, vessels, and branch networks.

## Compatibility with SIM injector

Its compatibility allows for upgradable modules for further customization to suit any deployment needs.



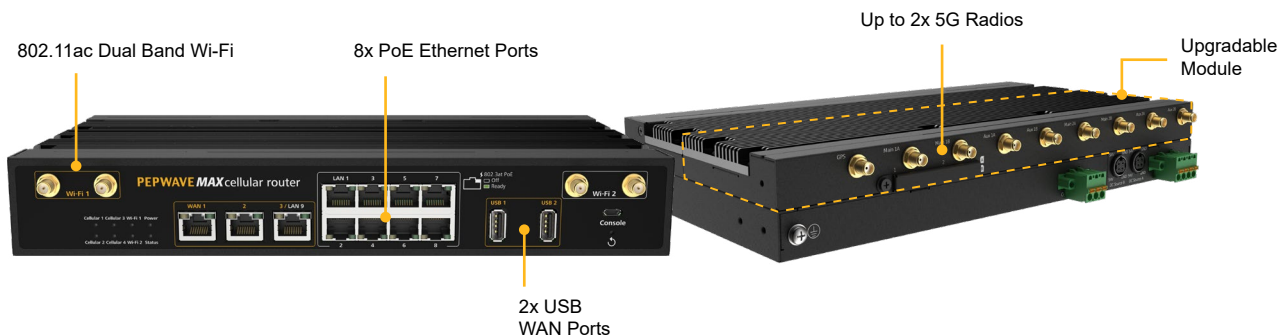
## Optimize your traffic

Whether you need speed or cost-effectiveness, use Traffic Steering to guide each packet to the most suitable connection.





# HD2 MBX 5G<sup>+</sup>



## Specifications

<b>WAN Interface</b>	2x Embedded Cellular Modems with Redundant SIM Slots 3x GE* 2x USB 2.0 Interface	<b>Power Output</b>	Up to Eight 802.3at PoE Outputs*
<b>LAN Interface</b>	9x GE*	<b>Power Consumption</b>	55 W (max.)
<b>Wi-Fi Interface</b>	802.11ac/a/b/g/n, 1166 Mbps 2x2MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band	<b>Dimensions</b>	1.7 x 11.5 x 7.0 inches 43 x 292 x 177 mm
<b>Router Throughput</b>	2.5 Gbps	<b>Weight</b>	7.28 pounds 3.3 kg
<b>PepVPN Throughput (No Encryption)</b>	600 Mbps	<b>Operating Temperature</b>	-40°– 149 °F -40°– 65 °C
<b>PepVPN Throughput (256-bit AES)</b>	500 Mbps	<b>Humidity</b>	15%–95% (non-condensing)
<b>5G Cellular Data Rate® (Downlink/Uplink)</b>	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps	<b>Certifications</b>	FCC, CE, RoHS, E-Mark, PTCRB, Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999 Railway Applications: EN 50155 Electromagnetic Compatibility: EN 61000
<b>Recommended Users</b>	50-500	<b>Package Content</b>	MAX HD2 MBX, PSU (ACW-630), 4x Dual Band Wi-Fi Antennas (ACW-341), 1x GPS Antenna (ACW-232), 8x 2dBi 4G LTE Antennas (ACW-813), 1 Pair of Mounting Brackets (ACW-513), 1x SIM Cover
<b>Antenna Connectors</b>	8x SMA Cellular Antenna Connectors 1x SMA GPS Antenna Connector 4x RP-SMA Wi-Fi Antenna Connectors		
<b>Power Input</b>	DC Jack/Terminal Block: 12-56 V#		

## Ordering information

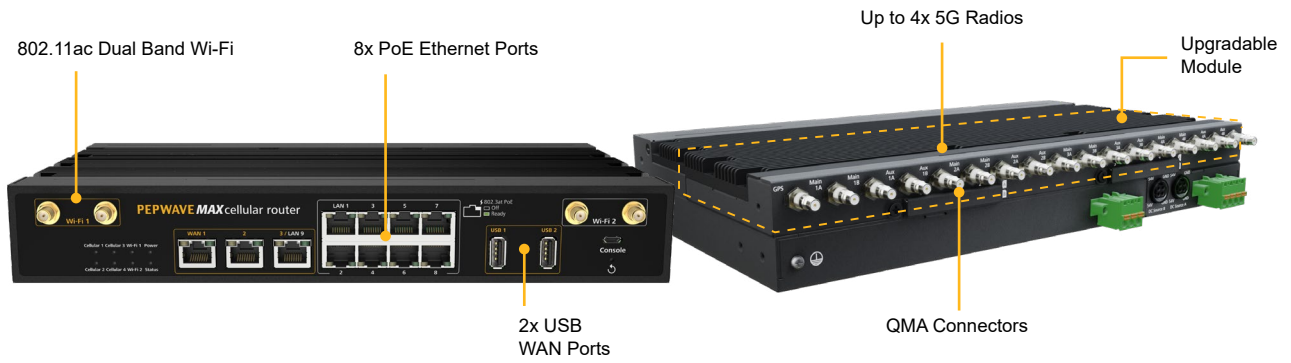
Product Code	Description	Embedded Modems	Carrier/Categories	5G Bands	LTE Bands
MAX-HD2-MBX-5GD-T	HD2 MBX 5G with 2x 5G modems	2	Global/5G	<b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71

## Add-On Feature & Accessories

Product Code	Description
ACW-630	Includes 1x 54V, 3.34A Power Supply Enable 4x LAN with 802.3at PoE output (PoE License automatically applied after kit purchase)
ACW-633	Includes 2x 54V, 3.34A Power Supply Enables 8x LAN with 802.3at PoE output (PoE License automatically applied after kit purchase)
MAX-HD-020-SPF	Supports up to 20 PepVPN/SpeedFusion Peers
SFN-LC-50	Up to 50 SpeedFusion Bonding License Key for MAX HD2 MBX 5G
SIM-BK8-4E-56V	SIM Injector, 8x SIM cards capacity, 4x 10/100/1000 LAN ports, 56V DC

\*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.  
@Theoretical maximum data rates.  
Available globally. Regional and carrier certification is subject to local approval.

# HD4 MBX 5G<sup>®</sup>



## Specifications

<b>WAN Interface</b>	4x Embedded Cellular Modems with Redundant SIM Slots 3x GE* 2x USB 2.0 Interface	<b>Power Output</b>	Up to Eight 802.3at PoE Outputs <sup>#</sup>
<b>LAN Interface</b>	9x GE*	<b>Power Consumption</b>	55 W (max.)
<b>Wi-Fi Interface</b>	802.11ac/a/b/g/n, 1166 Mbps 2x2MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band	<b>Dimensions</b>	1.7 x 11.5 x 7.0 inches 43 x 292 x 177 mm
<b>Router Throughput</b>	2.5 Gbps	<b>Weight</b>	7.28 pounds 3.3 kg
<b>PepVPN Throughput (No Encryption)</b>	600 Mbps	<b>Operating Temperature</b>	-40°– 149°F -40°– 65°C
<b>PepVPN Throughput (256-bit AES)</b>	500 Mbps	<b>Humidity</b>	15%–95% (non-condensing)
<b>5G Cellular Data Rate<sup>@</sup> (Downlink/Uplink)</b>	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps	<b>Certifications</b>	FCC, CE, RoHS, E-Mark, PTCRB, Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999 Railway Applications: EN 50155 Electromagnetic Compatibility: EN 61000
<b>Recommended Users</b>	50-500	<b>Package Content</b>	MAX HD4 MBX, PSU (ACW-630), 1x GPS Antenna (ACW-232), 1x QMA to SMA Adaptor, 4x Dual Band Wi-Fi Antennas (ACW-341), 1 Pair of Mounting Brackets (ACW-513), 2x SIM Cover * Cellular antennas not included. To enhance the MBX, Puma antennas are recommended.
<b>Antenna Connectors</b>	16x QMA Antenna Connectors 1x QMA GPS Antenna Connector 4x RP-SMA Wi-Fi Antenna Connectors		
<b>Power Input</b>	DC Jack/Terminal Block: 12-56 V <sup>#</sup>		

## Ordering information

Product Code	Description	Embedded Modems	Carrier/Categories	5G Bands	LTE Bands
MAX-HD4-MBX-5GD-T	HD4 MBX 5G with 4x 5G modems	4	Global/5G	<b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71

## Add-On Feature & Accessories

Product Code	Description
ACW-630	Includes 1x 54V, 3.34A Power Supply Enable 4x LAN with 802.3at PoE output (PoE License automatically applied after kit purchase)
ACW-633	Includes 2x 54V, 3.34A Power Supply Enables 8x LAN with 802.3at PoE output (PoE License automatically applied after kit purchase)
MAX-HD-020-SPF	Supports up to 20 PepVPN/SpeedFusion Peers
SFN-LC-50	Up to 50 SpeedFusion Bonding License Key for MAX HD4 MBX 5G
SIM-BK8-4E-56V	SIM Injector, 8x SIM cards capacity, 4x 10/100/1000 LAN ports, 56V DC

\*WAN 3 is configured as a LAN port by default, configuration is changeable on the Web Admin.

<sup>#</sup>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.

<sup>@</sup>Theoretical maximum data rates

Available globally. Regional and carrier certification is subject to local approval.

# Expansion Module for HD2 MBX



## Specifications

<b>Interface</b>	2x Embedded Cellular Modems with Redundant SIM Slots
<b>Antenna Connectors</b>	8x SMA Antenna Connectors, 1x SMA GPS Antenna Connector
<b>5G Cellular Data Rate® (Downlink/Uplink)</b>	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps

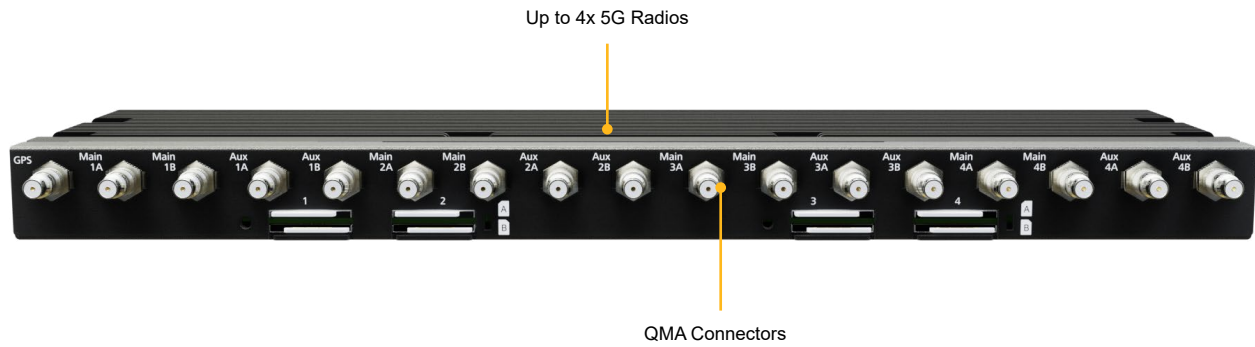
## Ordering information

Product Code	Description	Embedded Modems	Carrier/Categories	5G Bands	LTE Bands
EXM-MBX-T2-5GD	<b>Expansion Module</b> for HD2 MBX 5G with 2x 5G modems	2	Global/ 5G	<b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71

®Theoretical maximum data rates  
Available globally. Regional and carrier certification is subject to local approval.



# Expansion Module for HD4 MBX



## Specifications

<b>Interface</b>	4x Embedded Cellular Modems with Redundant SIM Slots
<b>Antenna Connectors</b>	16x QMA Antenna Connectors, 1x QMA GPS Antenna Connector
<b>5G Cellular Data Rate® (Downlink/Uplink)</b>	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps

## Ordering information

Product Code	Description	Embedded Modems	Carrier/Categories	5G Bands	LTE Bands
EXM-MBX-T4-5GD	Expansion Module for HD4 MBX 5G with 4x 5G modems	4	Global/5G	5G (NSA) Sub 6Ghz: n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71

®Theoretical maximum data rates  
Available globally. Regional and carrier certification is subject to local approval.