

# Balance 310X 5G

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Advanced 5G Wireless SD-WAN Router for Speed and Reliability

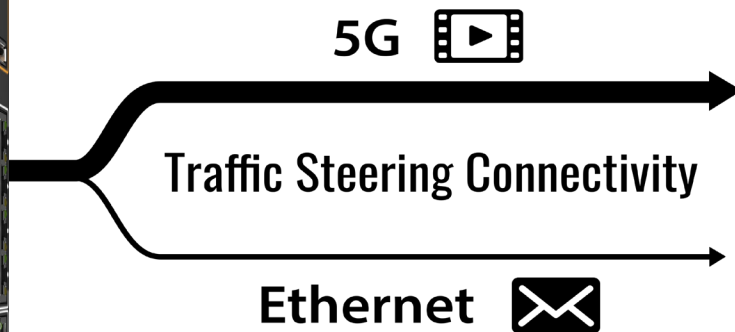
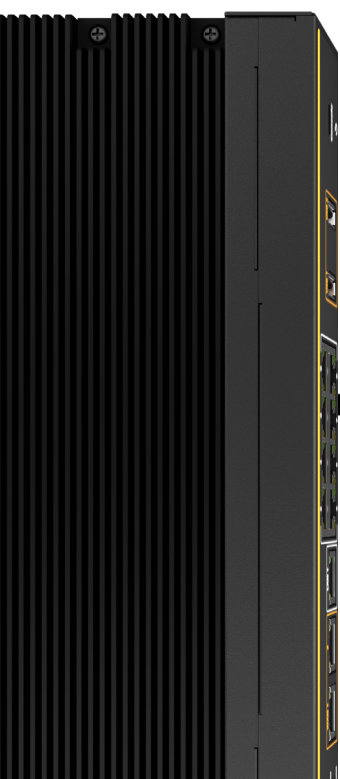


## Affordable High Performance

The Balance 310X 5G uses GE ports and offers a throughput of 2.5 Gbps. It provides all the connectivity needed to support small and medium sized business operations.

## Rugged Industrial-Grade Design

The Balance 310X 5G has a fanless design and a wide operating temperature range. Drop it into demanding environments and run it for years without worry.



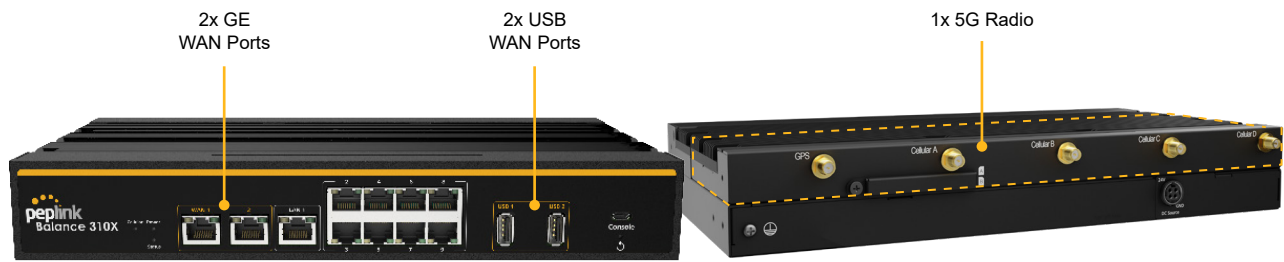
## Unbreakable Connectivity with 5G

The Balance 310X provides built-in 5G for seamless failover. Patented SpeedFusion technology combines multiple connections for jitter-free calls and high-speed transfers.

## Traffic Steering

Like many of our products, the Balance 310X 5G integrates our feature, Traffic Steering. Allowing users to manage and switch to the most suitable connection as bandwidth changes.

# Balance 310X 5G<sup>+</sup>



## Specifications

<b>WAN Interface</b>	1x Embedded 5G Modem with Redundant SIM Slots 2x 10/100/1000M Ethernet 2x USB 2.0 Interface	<b>Power Consumption</b>	30W (max.)
<b>LAN Interface</b>	9x 10/100/1000M Ethernet	<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
<b>Recommended Users</b>	50-500	<b>Package Content</b>	Balance 310X 5G, 1x PSU 24V 2.5A (ACW-647), 4x LTE/5G Antennas (ACW-235) 1x GPS Antenna (ACW-232), 1 Pair of Mounting Brackets (ACW-513) Rubber Foot Pad Set, Grounding Cable
<b>Antenna Connectors</b>	4x SMA Cellular Antenna Connectors 1x SMA GPS Antenna Connector	<b>Warranty</b>	1-year Limited Warranty
<b>Power Input</b>	Power Din DC: 12V – 30V		

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

## Ordering information

Product Code	Embedded Modem(s)	Regions	5G Bands	LTE Bands
BPL-310X-5GD-T	1x 5G	Primary: APAC, EMEA Compatibility: Global	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
BPL-310X-5GH-T	1x 5G	Primary: North America* Compatibility: Global	Cellular 1: <b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n28, 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

\* US Carrier Certifications: AT&T, T-Mobile, US Cellular, Verizon (Pending)

# Expansion Module for B310X 5G



## Specifications

<b>Interface</b>	1x Embedded Cellular Modems with Redundant SIM Slots	<b>Dimensions</b>	0.9 x 11.5 x 3.5 inches 22 x 292 x 88 mm
<b>Antenna Connectors</b>	4x SMA Antenna Connectors, 1x SMA GPS Antenna Connector	<b>Weight</b>	2.2 pounds 1 kg
<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-310X-5GD	Expansion Module for B310X with 1x 5G modem	1	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.