

Balance 310X 5G

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

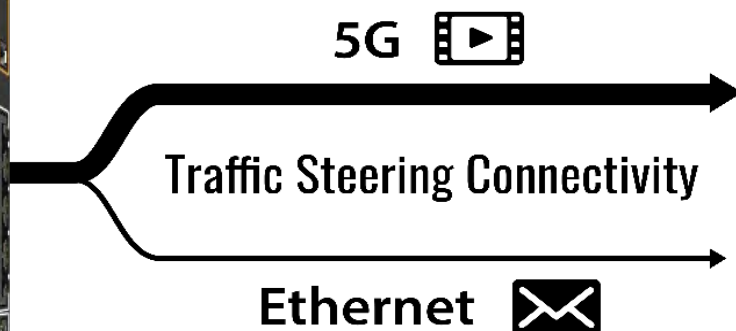
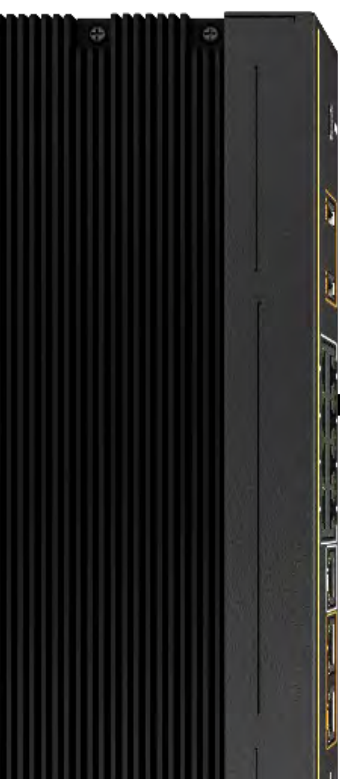


Affordable High Performance

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⁺



Specifications

WAN Interface	1x Embedded 5G Modems with Redundant SIM Slots 2x 10/100/1000M Ethernet 2x USB 2.0 Interface	Power Consumption	30W (max.)
LAN Interface	9x 10/100/1000M Ethernet	Dimensions	1.7 x 11.5 x 7.0 inches 43 x 292 x 177 mm
Router Throughput	2.5 Gbps	Weight	7.28 pounds 3.3 kg
PepVPN Throughput (No Encryption)	600 Mbps	Operating Temperature	-40° – 149 °F -40° – 65 °C
PepVPN Throughput (256-bit AES)	500 Mbps	Humidity	15% – 95% (non-condensing)
5G Cellular Data Rate® (Downlink/Uplink)	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps	Certifications	FCC, CE, RoHS
Recommended Users	50-500	Package Content	Balance 310X, 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
Antenna Connectors	4x SMA Cellular Antenna Connectors 1x SMA GPS Antenna Connector	Warranty	1-year Limited Warranty
Power Input	Power Din DC: 12V – 30V	US Carrier Certifications	Verizon [^] , AT&T, T-Mobile, US Cellular

Ordering information

Product Code	Description	Embedded Modems	Carrier/Categories	5G Bands	LTE Bands
BPL-310X-5GD-T	Balance 310X with 5G modem	1	Global/ 5G	Cellular 1: 5G (NSA) Sub 6Ghz: 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	Balance 310X with 5G modem	1	America/ 5G	Cellular 1: 5G (NSA) Sub 6Ghz: n1, n2, n3, n5, n28, n41, n66, n71, n77, n78, n79 5G (SA) Sub 6Ghz: 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

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

[^] Certification pending.

Expansion Module for B310X 5G



Specifications

Interface	1x Embedded Cellular Modems with Redundant SIM Slots	Dimensions	0.9 x 11.5 x 3.5 inches 22 x 292 x 88 mm
Antenna Connectors	4x SMA Antenna Connectors, 1x SMA GPS Antenna Connector	Weight	2.2 pounds 1 kg
5G Cellular Data Rate® (Downlink/Uplink)	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

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