

# Peplink Balance 310X

Enterprise SD-WAN router for Medium Branches



## Affordable High Performance

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

**2.5 Gbps**  
Of Throughput



## Unbreakable Connectivity with LTE

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

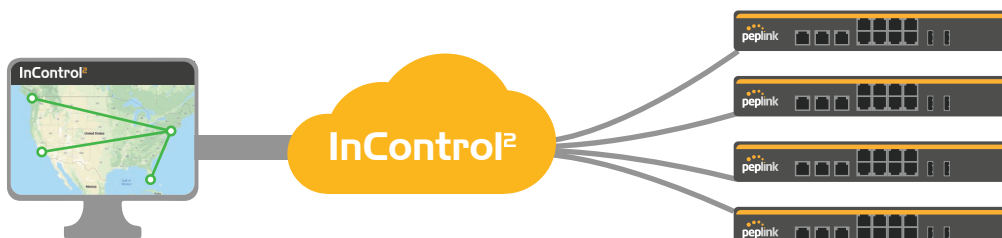


## Rugged Industrial-Grade Design



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

## Scalable Management



The Balance 310X comes with the InControl central management system. Easily centralize firewall rules, outbound policy, VLAN, device configurations and more.

# Balance 310X



## Specifications

<b>WAN Interface</b>	1x Embedded LTEA-PRO 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>Cellular Data Rate® (Downlink/Uplink)</b>	CAT-12: 600 Mbps/150 Mbps CAT-20: 2 Gbps/211 Mbps	<b>Certifications</b>	FCC, CE, RoHS
<b>Recommended Users</b>	50-500	<b>Package Content</b>	Balance 310X, 1x PSU 24V 2.5A (ACW-647), 2x or 4x LTE/5G Antennas (ACW-234) 1x GPS Antenna (ACW-232), Ear L-Mounts kit (ACW-513), Rubber Foot Pad Set, Grounding Cable
<b>Cellular and GPS Antenna Connectors</b>	2x SMA Antenna Connectors (for CAT-12) 4x SMA Antenna Connectors (for CAT-20) 1x SMA GPS Antenna Connector	<b>Warranty</b>	1-year Limited Warranty
<b>Power Input</b>	Power Din DC: 12V – 30V		

## Ordering information

Product Code	Carrier/ Category	Embedded Modems	4G Bands	3G Bands
BPL-310X-LTEA-R-T	America / CAT-12	1	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14 , B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66	B1, B2, B4, B5, B6, B8, B9, B19
BPL-310X-LTEA-D-T	APAC & EMEA / CAT-12	1	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B17, B18, B19, B20, B21, B25, B26, B28, B29, B30, B32, B38, B39, B40, B41, B66	B1, B2, B3, B4, B5, B8, B9, B19
BPL-310X-LTEA-K-T	Global / CAT-12	1	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66	HSPA+: B1, B2, B4, B5, B6, B8, B9, B19
BPL-310X-GLTE-S-T	Global / FirstNet / CAT-20	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 (LAA), B48, B66, B71	BHSPA+/WCDMA: B1, B2, B3, B4, B5, B6, B8, B9, B19

®Theoretical maximum data rates

# Expansion Module for B310X



## 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
Cellular Data Rate® (Downlink/Uplink)	CAT-20: 2 Gbps/211 Mbps		

## Ordering information

Product Code	Description	Embedded Modems	Carrier/Categories	4G Bands	3G Bands
EXM-310X-GLTE-S	Expansion Module for B310X with 1x LTE-A Pro (CAT-20) modem	1	Global / CAT-20	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 (LAA), B48, B66, B71	HSPA+/WCDMA: B1, B2, B3, B3, B4, B5, B6, B8, B9, B19

®Theoretical maximum data rates