Peplink Balance 310X
Enterprise SD-WAN router for Medium Branches

link | PEPWAVE

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.
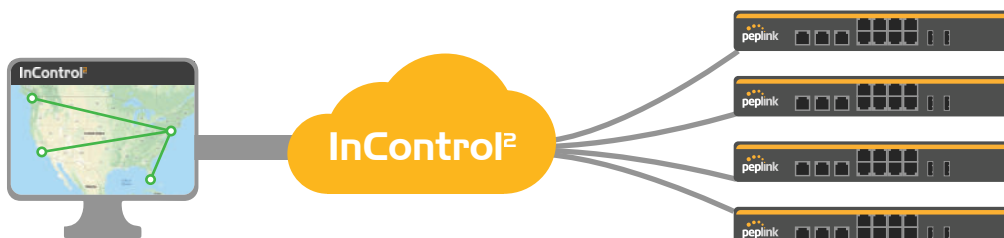

Rugged Industrial-Grade Design

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

InControl²

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

Balance 310X

2x GE
WAN Ports

2x USB
WAN Ports

1x LTE-A Radio

Specifications

WAN Interface	1x Embedded LTEA-PRO Modem with Redundant SIM Slots 2x 10/100/1000M Ethernet 2x USB 2.0 Interface	**Power Consumption**	30W (max.)
		Dimensions	1.7 x 11.5 x 7.0 inches 43 x 292 x 177 mm
LAN Interface	9x 10/100/1000M Ethernet	**Weight**	7.28 pounds 3.3 kg
Router Throughput	2.5 Gbps	**Operating Temperature**	-40° – 149 °F -40° – 65 °C
PepVPN Throughput (No Encryption)	600 Mbps	**Humidity**	15% – 95% (non-condensing)
PepVPN Throughput (256-bit AES)	500 Mbps	**Certifications**	FCC, CE, RoHS
Cellular Data Rate@ (Downlink/Uplink)	CAT-12: 600 Mbps/150 Mbps CAT-20: 2 Gbps/211 Mbps	**Package Content**	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
Recommended Users	50-500		
Cellular and GPS Antenna Connectors	2x SMA Antenna Connectors (for CAT-12) 4x SMA Antenna Connectors (for CAT-20) 1x SMA GPS Antenna Connector	**Warranty**	1-year Limited Warranty
Power Input	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-Q-T	APAC & EMEA / CAT-12	1	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B38, B39, B40, B41, B42, B43, B48, B66, B71	B1, B2, B4, B5, B6, 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

1x LTE-A Pro Radio

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