



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

Balance 310X 5G



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.



SPECIFICATIONS

- **WAN Interfaces:** 1x Embedded 5G Modems with Redundant SIM Slots, 2x 10/100/1000M Ethernet, 2x USB 2.0 Interface
- **LAN Interface:** 9x 10/100/1000M Ethernet
- **Router Throughput:** 2.5 Gbps
- **PepVPN Throughput (No Encryption):** 600 Mbps
- **PepVPN Throughput (256-bit AES):** 500 Mbps
- **5G Cellular Data Rate* (Downlink / Uplink):**
5G: 4 Gbps / 700 Mbps, LTE CAT-20: 2 Gbps / 150 Mbps
- **Recommended Users:** 50-500
- **Antenna Connectors:** 4x SMA Cellular Antenna Connectors, 1x SMA GPS Antenna Connector
- **Power Input:** Power Din DC: 12V – 30V
- **Power Consumption:** 30 W (max.)
- **Dimensions:** 43 x 292 x 177 mm
- **Weight:** 3.3 kg
- **Operating Temperature:** -40° – 65 °C
- **Humidity:** 15% – 95% (non-condensing)
- **Certifications:** FCC, CE, RoHS
- **Warranty:** 1-Year Limited Warranty
- **Package Content:** 1x 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

* Theoretical maximum data rates.

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 | 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 |

Expansion Module for B310X 5G



SPECIFICATIONS

- **Interface:** 1x Embedded Cellular Modems with Redundant SIM Slots
- **5G Cellular Data Rate* (Downlink / Uplink):**
5G: 4 Gbps / 700 Mbps, LTE CAT-20: 2 Gbps / 150 Mbps
- **Antenna Connectors:** 4x SMA Antenna Connectors, 1x SMA GPS Antenna Connector
- **Dimensions:** 22 x 292 x 88 mm
- **Weight:** 1 kg

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 |

Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.