

# Balance 310X 5G

peplink | PEPWAVE

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

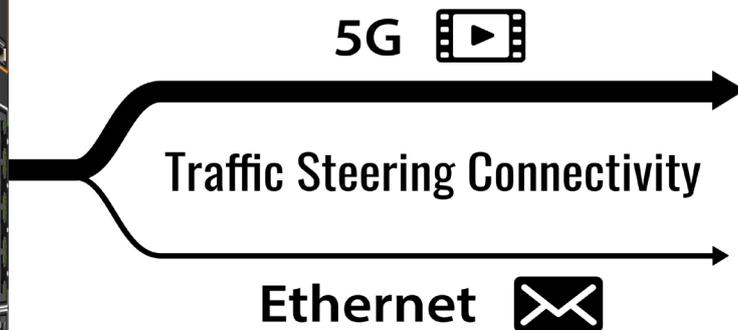


## Affordable High Performance

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.



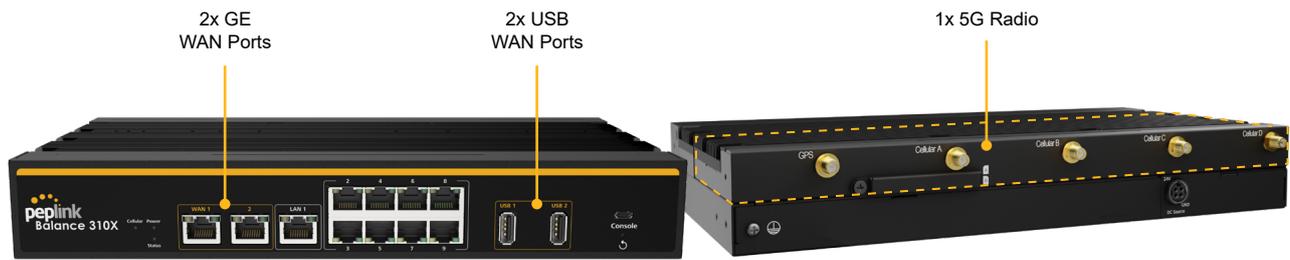
## Unbreakable Connectivity with 5G

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<br>2x 10/100/1000M Ethernet<br>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<br>43 x 292 x 177 mm   |
| <b>Router Throughput</b>                                   | 2.5 Gbps  | <b>Weight</b>                | 7.28 pounds<br>3.3 kg  |
| <b>PepVPN Throughput (No Encryption)</b>                   | 600 Mbps  | <b>Operating Temperature</b> | -40° – 149 °F<br>-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<br>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,<br>1x PSU 24V 2.5A (ACW-647),<br>4x LTE/5G Antennas (ACW-235)<br>1x GPS Antenna (ACW-232),<br>1 Pair of Mounting Brackets (ACW-513)<br>Rubber Foot Pad Set, Grounding Cable |
| <b>Antenna Connectors</b>                                  | 4x SMA Cellular Antenna Connectors<br>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 | Regions  | 5G Bands   | LTE Bands  |
|----------------|----------------|--|--|--|
| BPL-310X-5GD-T | 1x 5G          | Primary: APAC, EMEA<br>Compatibility: Global     | Cellular 1:<br><b>5G (NSA) Sub 6Ghz:</b><br>n1, n2, n3, n5, n7, n8, n12, n20,<br>n28, n38, n41, n66, n71, n77,<br>n78, n79 | Cellular 1:<br>B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17,<br>B18, B19, B20, B25, B26, B28, B29, B30, B32, B34,<br>B38, B39, B40, B41, B42, B46, B48, B66, B71 |
| BPL-310X-5GH-T | 1x 5G          | Primary: North America*<br>Compatibility: Global | Cellular 1:<br><b>5G (NSA) Sub 6Ghz:</b><br>n1, n2, n3, n5, n28, n41,<br>n66, n71, n77, n78, n79                           | Cellular 1:<br>B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17,<br>B18, B19, B20, B25, B26, B28, B29, B30, B32, B34,<br>B38, B39, B40, B41, B42, B46, B48, B66, B71 |

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

# 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<br>22 x 292 x 88 mm |
| <b>Antenna Connectors</b>                           | 4x SMA Antenna Connectors,<br>1x SMA GPS Antenna Connector | <b>Weight</b>     | 2.2 pounds<br>1 kg                          |
| <b>5G Cellular Data Rate®<br/>(Downlink/Uplink)</b> | 5G: 4 Gbps / 700 Mbps<br>LTE CAT-20: 2 Gbps / 150 Mbps     |                   |   |

## Ordering information

| Product Code | Description                                 | Embedded Modem | Carrier/Categories                               | 5G Bands   | LTE Bands  |
|--------------|---|----------------|--|--|--|
| EXM-310X-5GD | Expansion Module for B310X with 1x 5G modem | 1              | Primary: APAC, EMEA<br>Compatibility: Global     | 5G (NSA) Sub 6Ghz:<br>n1, n2, n3, n5, n7, n8, n12,<br>n20, n28, n38, n41, n66,<br>n71, n77, n78, n79 | B1, B2, B3, B4, B5, B7, B8, B12, B13, B14,<br>B17, B18, B19, B20, B25, B26, B28, B29,<br>B30, B32, B34, B38, B39, B40, B41, B42,<br>B46, B48, B66, B71 |
| EXM-310X-5GH | Expansion Module for B310X with 1x 5G modem | 1              | Primary: North America*<br>Compatibility: Global | 5G (NSA) Sub 6Ghz:<br>n1, n2, n3, n5, n28, n41, n66,<br>n71, n77, n78, n79                           | B1, B2, B3, B4, B5, B7, B8, B12, B13, B14,<br>B17, B18, B19, B20, B25, B26, B28, B29,<br>B30, B32, B34, B38, B39, B40, B41, B42,<br>B46, B48, B66, B71 |

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

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