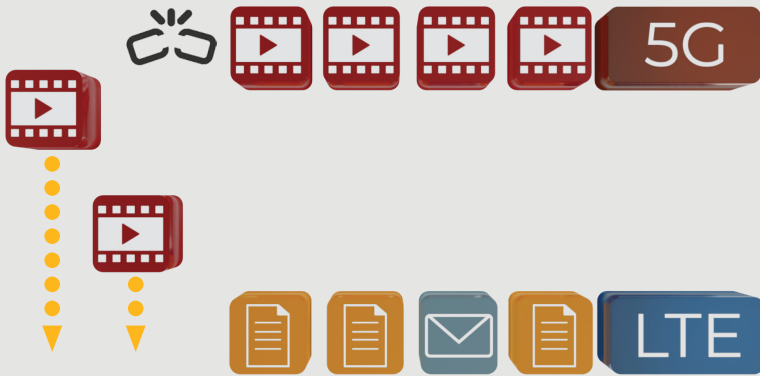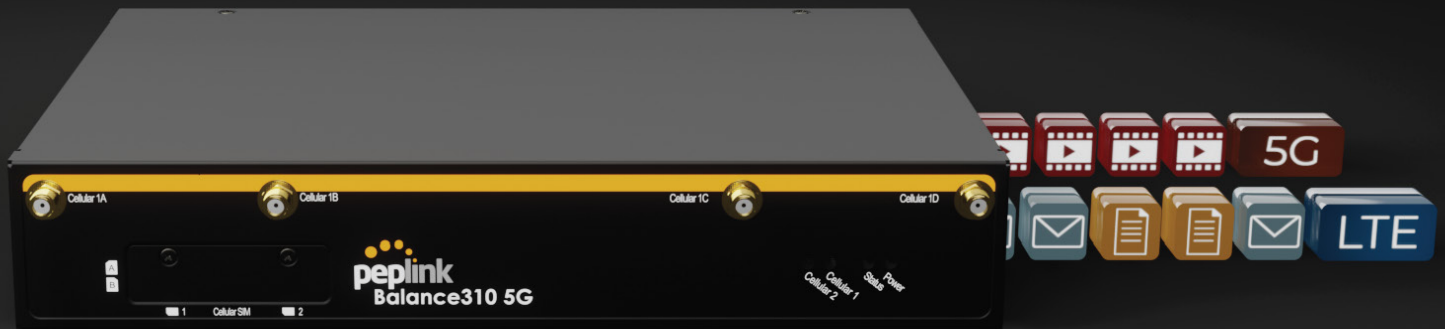# B310 5G

## 5G-Hybrid Enterprise Branch Connectivity



**peplink | PEPWAVE**

## Balance Your Fixed Network with 5G Wireless WAN

With SpeedFusion Cloud you can utilise traffic steering. A technology whereby connections are controlled based on the application, limiting data wastage and traffic.



## Enjoy Speed and Reliability without Having to Compromise

Multi-radio combined with our SpeedFusion Hot Failover technology allows connections of 5G and LTE networks to work simultaneously.



**InControl²**

### Control Anytime Anywhere
Remote Central Management with private controller or cloud management.

**peplink | PEPWAVE**

# Peplink Balance 310 5G

1 x 5G &
1 x 4G Radios

## Specifications

| | | | |
|---|---|---|---|
| **WAN Interface** | 1x10/100/1000M Ethernet<br>1x USB Interface<br>2x Embedded Cellular Modems with<br>Redundant SIM Slots | **Power Consumption** | 30 W (max.) |
| **LAN Interface** | 5x10/100/1000M Ethernet<br>2x SFP | **Dimensions** | 9.9 x 7.1 x 2.0 inches<br>252 x 180 x 50 mm |
| **Router Throughput** | 1 Gbps | **Weight** | 1.65 kg<br>3.6 pounds |
| **PepVPN Throughput<br>(No Encryption)** | 600 Mbps | **Operating Temperature** | 32°– 104 °F<br>0°– 40°C |
| **PepVPN Throughput<br>(256-bit AES)** | 500 Mbps | **Humidity** | 10%–85% (non-condensing) |
| **Cellular 1 Data Rate\*<br>(Downlink/Uplink)** | 5G: 4 Gbps / 700 Mbps<br>LTE CAT-20: 2 Gbps / 150 Mbps | **Certifications** | FCC, CE |
| **Cellular 2 Data Rate\*<br>(Downlink / Uplink)** | LTE CAT-12: 600 Mbps / 150 Mbps | **Package Content** | 1x Balance 310 5G<br>1x of 12V5A PSU<br>1x Power Cord<br>4x Rubber Foot<br>6x Cellular Antenna |
| **Recommended Users** | 50-500 | | |
| **Cellular Antenna Connector** | 6x SMA Cellular Antenna Connectors | | |
| **Power Input** | 12V DC Connector | | |

*Theoretical maximum data rates

## Ordering information

| Product Code | Description | Embedded Modems | Carrier/ Categories | 5G Bands | LTE Bands |
|---|---|---|---|---|---|
| BPL-310-5GD-K-T-PRM | Balance 310 5G with 1x 5G and 1x LTE CAT-12 modems | 2 | Cellular 1: Global/ 5G | Cellular 1:<br>**5G (NSA) Sub 6Ghz:**<br>n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79 | Cellular 1:<br>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 |
| | | | Cellular 2: Global\*/ LTE CAT-12 | | Cellular 2:<br>B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66 |
| *China & HK TD LTE are excluded.* | | | | | |
| BPL-310-5GD-R-T-PRM | Balance 310 5G with 1x 5G and 1x LTE CAT-12 modems | 2 | Cellular 1: Global/ 5G | Cellular 1:<br>**5G (NSA) Sub 6Ghz:**<br>n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, n77, n78, n79 | Cellular 1:<br>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 |
| | | | Cellular 2: America/ LTE CAT-12 | | Cellular 2:<br>B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66 |

## Feature Add-on

| Product Code | Description |
|---|---|
| SFN-LC-30 | Up to 30 SpeedFusion Bonding License Key for Balance 310 5G |
| PRM-BPL-310-5G-1Y | 1 Year PrimeCare Subscription |
| PRM-BPL-310-5G-2Y | 2 Years PrimeCare Subscription |
| PRM-BPL-310-5G-4Y | 4 Years PrimeCare Subscription |

peplink | PEPWAVE