

| Balance 20X                        |   |  |
|------------------------------------|---|--|
| WAN Interface                      | 1 x GE, 1x Embedded LTE Modem<br>1x USB Interface<br>1x Expansion Module (Optional)   |  |
| SpeedFusion Hot Failover           | ●   |  |
| SpeedFusion WAN Smoothing          | ● ^   |  |
| SpeedFusion Bandwidth Bonding      | ● ^   |  |
| Number of PepVPN SpeedFusion Peers | 2/5 †   |  |
| LAN Interface                      | 4x GE   |  |
| Wi-Fi Interface                    | Simultaneous 802.11ac wave 2/ac/a/n<br>and 802.11b/g/n  |  |
| Stateful Firewall Throughput       | 900Mbps   |  |
| PepVPN / SpeedFusion Throughput    | No Encryption: 100Mbps<br>256-bit AES: 60 Mbps  |  |
| Recommended Users                  | 1-60  |  |
| Downlink/Uplink Datarate           | 150Mbps/50Mbps (LTE Modem)  |  |
| IP Passthrough                     | ●   |  |
| Antenna Connectors                 | 2x SMA Antenna Connectors<br>2x RP-SMA Wi-Fi Antenna Connectors<br>1x GPS SMA Antenna Connectors  |  |
| Power Input                        | DC Jack: 10V - 30V  |  |
| Power Consumption                  | 6.83 W (nominal, with FlexModule Mini LTEA)<br>28 W (max.)  |  |
| Dimensions                         | 6.3 x 10.3 x 1.3 inches<br>160 x 262 x 33 mm  |  |
| Weight                             | 1.74 pounds / 0.67 kg   |  |
| Operating Temperature              | 14° – 113°F / -10° – 45°C   |  |
| Humidity                           | 15% – 95% (non-condensing)  |  |
| Certifications                     | FCC, CE, RoHS   |  |
| Warranty                           | 1-Year Limited Warranty   |  |
| Package Content                    | Balance 20X, 12V3A Power Supply (ACW-602),<br>2x LTE Antennas (ACW-813 or ACW-234)<br>1x GPS Antenna (ACW-232)<br>2x Wi-Fi Dual Band Antennas (ACW-341) |  |

^ Requires PrimeCare Subscription, complementary for the first year.  
† 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled with PrimeCare Subscription, complementary for the first year.

Ordering Information

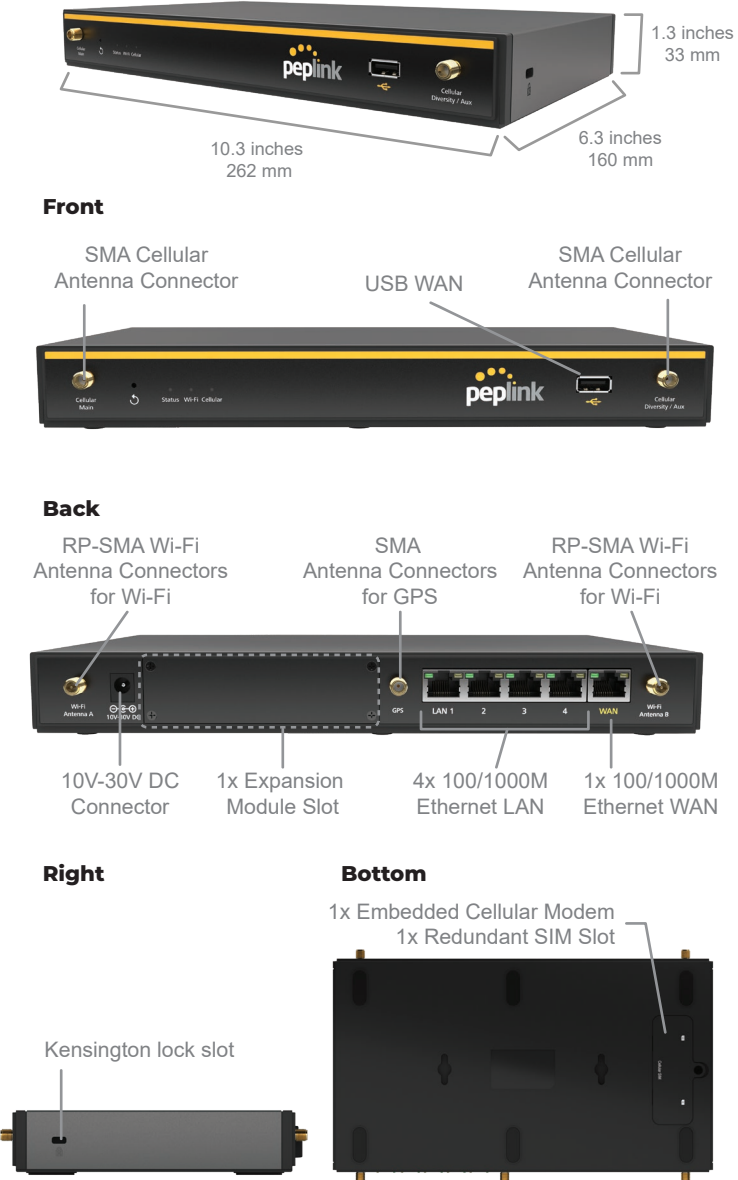
| Product Code          | Description  |
|-----------------------|--|
| BPL-021X-LTE-E-T-PRM  | Balance 20X, 1x GE WAN ports, 4x GE LAN ports and 1x LTE modem (CAT 4) |
| BPL-021X-LTE-US-T-PRM | Balance 20X, 1x GE WAN ports, 4x GE LAN ports and 1x LTE modem (CAT 4) |

Feature Add-on

| Product Code        | Description                   |
|---------------------|-------------------------------|
| PRM-BPL-021X-LTE-1Y | 1 Year PrimeCare Subscription |
| PRM-BPL-021X-LTE-2Y | 2 Year PrimeCare Subscription |
| PRM-BPL-021X-LTE-4Y | 4 Year PrimeCare Subscription |

Bands

|     | Product Code          | Carrier/Category               | Embedded Modems | 4G Bands                               | 3G Bands                         |
|-----|-----------------------|--------------------------------|-----------------|--|----------------------------------|
| LTE | BPL-021X-LTE-E-T-PRM  | Europe / International / CAT-4 | 1               | B1, B3, B5, B7, B8, B20, B38, B40, B41 | WCDMA/HSPA+/DC-HSPA+: B1, B5, B8 |
|     | BPL-021X-LTE-US-T-PRM | Americas / CAT-4               | 1               | B12, B14, B4, B2, B5, B13, B66, B71    | B2, B4, B5                       |



Peplink Balance 20X  
Futureproof SD-WAN Router for Small Businesses and Branches

Add Cellular Backup

Back up your xDSL with a cellular link (up to two with the FlexModule Mini) and redundant SIM cards. When a line goes down, your office won't even notice.



Need Another LTE?

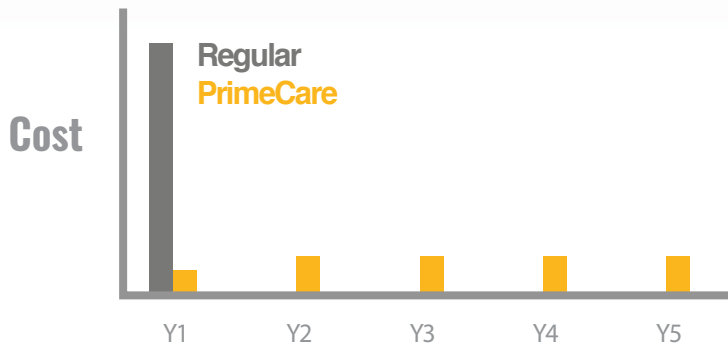
The Balance 20X has a FlexModule Mini slot which will support all kinds of WAN technology. So when it's time to add a second LTE connection, the Balance 20X will be ready.

Better with PrimeCare



**Everything's Included:** PrimeCare includes everything you need to provide your office with unbreakable, scalable connectivity.

SpeedFusion + InControl<sup>2</sup> + Warranty



**Pay Less Upfront:** PrimeCare lowers the entry cost of getting the device you want. Annual subscription gets you a wide range of services.

# FlexModule Mini

## Expansion Modules for Balance 20X / 380X / 580X

### Expansion Modules

#### 1x LTE-A Module (EXM-MINI-1LTEA)

|                          |  |
|--------------------------|--|
| Interface                | 1x Embedded LTE-A Cellular Modems with Redundant SIM Slots |
| Antenna Connectors       | 2x SMA Cellular Antenna Connectors                         |
| Downlink/Uplink Datarate | 300Mbps/50Mbps (CAT-6)<br>600Mbps/150Mbps (CAT-12)         |
| Power Consumption        | 10W  |
| Weight                   | 0.83 pounds (375 grams)                                    |



#### 1x LTE-A Module (EXM-MINI-1GLTE-G)

|                          |  |
|--------------------------|--|
| Interface                | 1x Embedded LTE-A Cellular Modems with Redundant SIM Slots |
| Antenna Connectors       | 4x SMA Cellular Antenna Connectors                         |
| Downlink/Uplink Datarate | 1.2 Gbps/150 Mbps (CAT-18)                                 |
| Power Consumption        | 10W  |
| Weight                   | 0.83 pounds (375 grams)                                    |



### Ordering Information

| Product Code     | Description  |
|------------------|--|
| EXM-MINI-1LTEA-W | Expansion Module with 1x LTE-A modems (CAT-6)      |
| EXM-MINI-1LTEA-P | Expansion Module with 1x LTE-A modems (CAT-6)      |
| EXM-MINI-1LTEA-R | Expansion Module with 1x LTE-A Pro modems (CAT-12) |
| EXM-MINI-1LTEA-K | Expansion Module with 1x LTE-A Pro modems (CAT-12) |
| EXM-MINI-1GLTE-G | Expansion Module with 1x LTE-A Pro modems (CAT-18) |

### Bands

|           | Product Code     | Carrier / Category          | Embedded Modems | 4G Bands   | 3G Bands                        |
|-----------|------------------|-----------------------------|-----------------|--|---------------------------------|
| LTE-A     | EXM-MINI-1LTEA-W | Worldwide / CAT-6           | 1               | B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41   | B1, B2, B3, B4, B5, B8          |
|           | EXM-MINI-1LTEA-P | Asia Pacific / CAT-6        | 1               | B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41   | B1, B5, B6, B8, B9, B19, B39    |
| LTE-A Pro | EXM-MINI-1LTEA-R | America / FirstNet / 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 |
|           | EXM-MINI-1LTEA-K | 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                             | B1, B2, B4, B5, B6, B8, B9, B19 |
|           | EXM-MINI-1GLTE-G | Global / CAT-18             | 1               | B1, B3, B25(B2), B66(B4), B26(B5/B18/B19), B7, B8, B12(17), B13, B14, B20, B28, B29, B30, B32, B71, B38, B39, B40, B41, B42, B43, B46, B48 | B1, B2, B4, B5(B19), B8         |

\* without China/HK TD LTE