



## Specifications

<b>WAN Interface</b>	1x 10/100/1000M Ethernet 1x Embedded Cellular Modem with Redundant SIM Slots 1x USB Interface 1x Expansion Module (Optional)	<b>Antenna Connectors</b>	2x SMA Cellular Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
<b>LAN Interface</b>	4x 10/100/1000M Ethernet	<b>Power Input</b>	Power Port: 10V – 30V DC
<b>Wi-Fi Interface</b>	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 5	<b>Power Consumption</b>	6.83 W (nominal, with FlexModule Mini LTEA) 28 W (max.)
<b>SpeedFusion Features</b>	Hot Failover <sup>1</sup> , WAN Smoothing <sup>1</sup> , Bandwidth Bonding <sup>1</sup>	<b>Dimensions</b>	6.3 x 10.3 x 1.3 inches 160 x 262 x 33 mm
<b>Number of PepVPN SpeedFusion Peers</b>	2/5 <sup>2</sup>	<b>Weight</b>	1.74 pounds / 0.67 kg
<b>Router Throughput</b>	900Mbps	<b>Operating Temperature</b>	14° – 113°F / -10° – 45°C
<b>PepVPN Throughput (No Encryption)</b>	100Mbps	<b>Humidity</b>	15% – 95% (non-condensing)
<b>PepVPN Throughput (256-bit AES)</b>	60Mbps	<b>Certifications</b>	FCC, CE, RoHS
<b>Recommended Users</b>	1-60	<b>Package Content</b>	1x Balance 20X 2x LTE Antennas (ACW-813 or ACW-234) 2x Dual Band Wi-Fi Antennas (ACW-341) 1x GPS Antenna (ACW-232) 1x 12V 3A Power Supply (ACW-602)
<b>Cellular Data Rate<sup>3</sup> (Downlink/Uplink)</b>	CAT-7: 300 Mbps / 150 Mbps CAT-4: 150 Mbps / 50 Mbps	<b>Warranty</b>	1-Year Limited Warranty

<sup>1</sup> Requires a PrimeCare subscription, complimentary for the first year.

<sup>2</sup> 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled with PrimeCare Subscription, complimentary for the first year.

<sup>3</sup> Maximum theoretical data rates.

## Ordering Information

Product Code	Regions <sup>^</sup>	LTE Bands	3G Bands
BPL-021X-LTEA-US-T-PRM Embedded Modem(s): 1x CAT-7	North America*  *US Carrier Certifications: AT&T, T-Mobile, Verizon, FirstNet	B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B42, B43, B48, B66, B71	HSPA+: B2, B4, B5
BPL-021X-LTE-E-T-PRM Embedded Modem(s): 1x CAT-4	APAC, EMEA	B1, B3, B5, B7, B8, B20, B38, B40, B41	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8
BPL-021X-LTE-US-T-PRM Embedded Modem(s): 1x CAT-4	North America*  *US Carrier Certifications: AT&T, T-Mobile, Verizon, US Cellular, FirstNet	B2, B4, B5, B12, B13, B14, B66, B71	B2, B5
BPL-021X-LTE-MX-T-PRM Embedded Modem(s): 1x CAT-4	Latin America, Australia	B1, B2, B3, B4, B5, B7, B8, B28, B40	WCDMA/HSPA+/DC-HSPA+: B1, B2, B5, B8

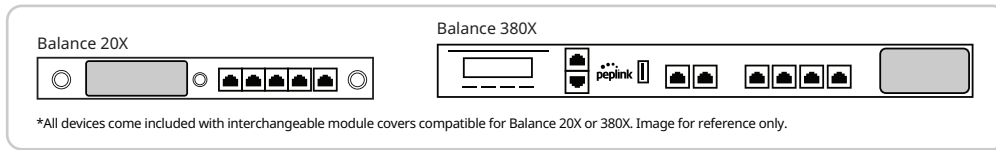
<sup>^</sup> Regions are for reference only. For specific location compatibility, please refer to the bands.

## Featured Add-on

Product Code	Description
PRM-BPL-021X-LTE-1Y	1 Year PrimeCare Subscription for Balance 20X
PRM-BPL-021X-LTE-2Y	2 Year PrimeCare Subscription for Balance 20X
PRM-BPL-021X-LTE-4Y	4 Year PrimeCare Subscription for Balance 20X
BPL-021X-LC-VWAN	Balance 20X Virtual WAN Activation License

# FlexModule Mini 5G

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



### Specifications

1x 5G Module	
Interface	1x Embedded 5G Cellular Modems with Redundant SIM Slots
Antenna Connectors	4x SMA Cellular Antenna Connectors
Downlink/Uplink Datarate	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps
Power Consumption	10W
Weight	0.83 pounds (375 grams)
Package Content	5G Module (EXM-MINI-15GH) 4x LTE/5G Antennas (ACW-235)

^ For Balance 20X, the cellular performance can be physically limited by the hardware and network it is hosted on.

### Ordering information

Product Code	Description	Embedded Modem(s)	Regions	5G Bands	4G Bands
EXM-MINI-15GH	Expansion Module with 1x 5G modems	1x 5G	Primary: North America Compatibility: Global	<b>5G (NSA) Sub 6Ghz:</b> n1, n2, n3, n5, n28, 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, B43 B46, B48, B66, B71