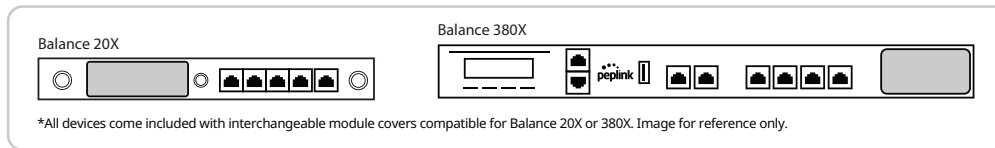


Expansion Modules for Balance 20X / 380X / 580X



Specifications

1x LTE-A Module (EXM-MINI-1GLTE-G)		1x LTE-A Module (EXM-MINI-1LTEA)	
Interface	1x Embedded LTE-A Cellular Modems with Redundant SIM Slots	Interface	1x Embedded LTE-A Cellular Modems with Redundant SIM Slots
Antenna Connectors	4x SMA Cellular Antenna Connectors	Antenna Connectors	2x SMA Cellular Antenna Connectors
Downlink/Uplink Datarate	1.2Gbps/150Mbps (CAT-18)	Downlink/Uplink Datarate	300Mbps/50Mbps (CAT-6) 300Mbps/150Mbps (CAT-7) 600Mbps/150Mbps (CAT-12)
Power Consumption	10W	Power Consumption	10W
Weight	0.83 pounds (375 grams)	Weight	0.83 pounds (375 grams)
Package Content	LTE-A Module (EXM-MINI-1GLTE-G) 4x LTE/5G Antennas (ACW-234)	Package Content	LTE-A Module (EXM-MINI-1LTEA) 2x LTE/5G Antennas (ACW-234)

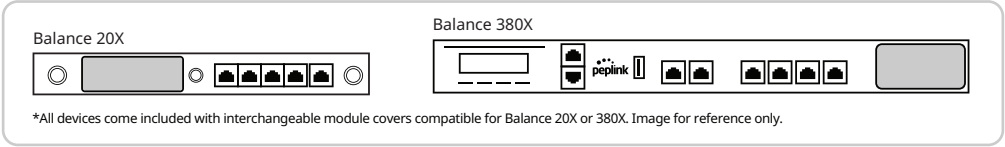
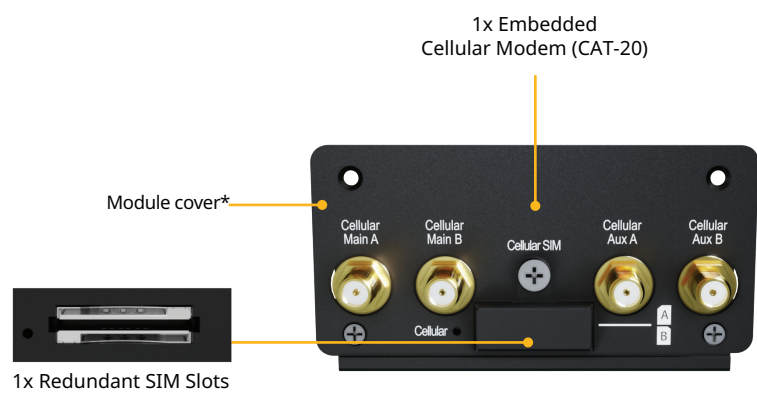
Bands

Product Code	Description	Embedded Modem(s)	Regions	4G Bands	3G Bands
EXM-MINI-1LTEA-W	Expansion Module with 1x LTE-A modems (CAT-6)	1x LTE-A	Worldwide	B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	B1, B2, B3, B4, B5, B8
EXM-MINI-1LTEA-B	Expansion Module with 1x LTE-A modems (CAT-6)	1x LTE-A	APAC/ EMEA	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B38, B39, B40, B41, B42, B43, B48, B66, B71	B1, B2, B4, B5, B6, B8, B9, B19
EXM-MINI-1LTEA-P	Expansion Module with 1x LTE-A modems (CAT-6)	1x LTE-A	APAC	B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41	B1, B5, B6, B8, B9, B19, B39
EXM-MINI-1LTEA-US	Expansion Module with 1x LTE-A Pro modems (CAT-7)	1x LTE-A (CAT-7)	America	B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B42, B43, B48, B66, B71	B2, B4, B5
EXM-MINI-1LTEA-R	Expansion Module with 1x LTE-A Pro modems (CAT-12)	1x LTE-A Pro (CAT-12)	America / FirstNet	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-Q	Expansion Module with 1x LTE-A Pro modems (CAT-12)	1x LTE-A Pro (CAT-12)	APAC / EMEA	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B38, B39, B40, B41, B42, B43, B48, B66, B71	B1, B2, B4, B5, B6, B8, B9, B19
EXM-MINI-1LTEA-D	Expansion Module with 1x LTE-A Pro modems (CAT-12)	1x LTE-A Pro (CAT-12)	APAC / EMEA	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48,	B1, B2, B4, B5, B6, B8, B9, B19
EXM-MINI-1GLTE-G	Expansion Module with 1x LTE-A Pro modems (CAT-18)	1x LTE-A Pro (CAT-18)	Global	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

FlexModule Mini

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

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Specifications

	1x LTE-A Pro Module (EXM-MINI-GLTE-S)
Interface	1x Embedded LTE-A Pro Cellular Modem with Redundant SIM Slots
Antenna Connectors	4x SMA Cellular Antenna Connectors
Downlink/Uplink Datarate	2Gbps/211Mbps (CAT-20)
Power Consumption	10W
Weight	0.83 pounds (375 grams)
Package Content	LTE-A Pro Module (EXM-MINI-GLTE-S) 4x LTE/5G Antennas (ACW-234)

Bands

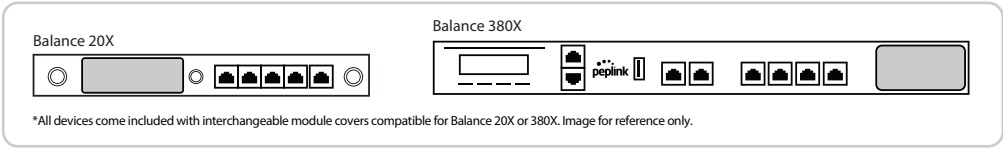
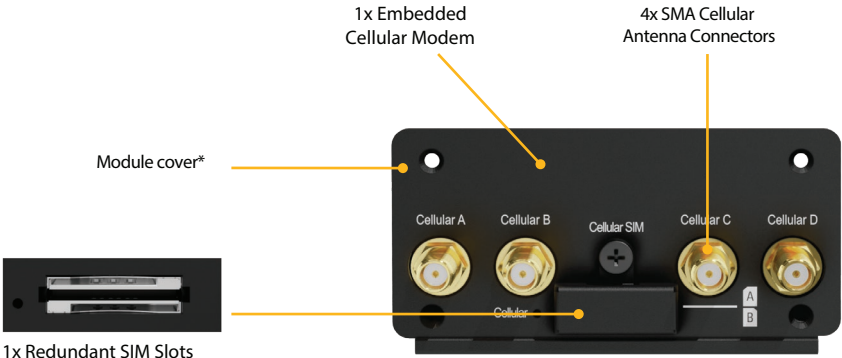
Product Code	Description	Embedded Modem(s)	Regions	4G Bands	3G Bands
EXM-MINI-GLTE-S	Expansion Module with 1x LTE-A Pro modem (CAT-20)	1x LTE-A Pro (CAT-20)	Global*	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71	HSPA+/WCDMA: B1, B2, B3, B4, B5, B6, B8, B9, B19

FlexModule Mini 5G

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

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Specifications

1x 5G Module	
Interface	1x Embedded 5G Cellular Modems with Redundant SIM Slots
Antenna Connectors	4x SMA Cellular Antenna Connectors
Downlink/Uplink Data Rate	5G: 3.4 Gbps / 900 Mbps CAT-20: 1.6 Gbps / 200 Mbps
Power Consumption	10W
Weight	0.83 pounds (375 grams)
Package Content	5G Module (EXM-MINI-15GN) 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.

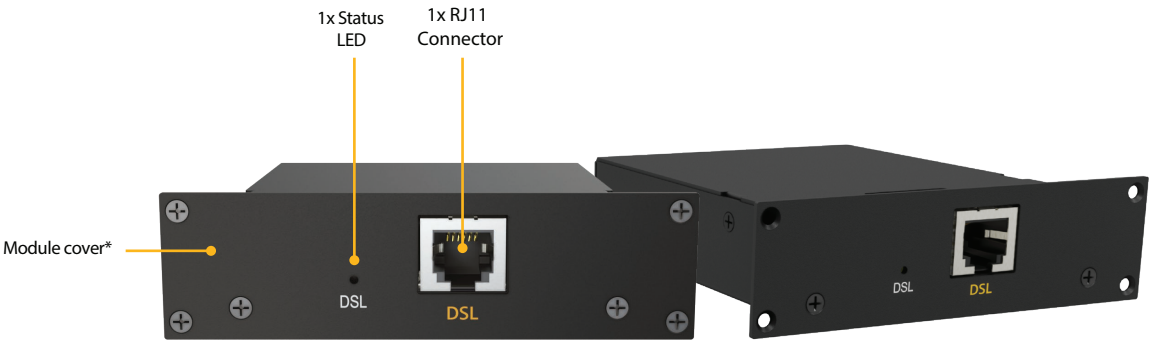
Ordering information

Product Code	Embedded Modem(s)	Regions	5G Bands	4G Bands
EXM-MINI-15GN	1x 5G	Global	5G (SA & NSA) Sub 6Ghz: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n76, 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
EXM-MINI-15GH	1x 5G	Global* US Carrier Certifications: AT&T, T-Mobile, Verizon, FirstNet	5G (NSA) Sub 6Ghz: 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, B46, B48, B66, B71

FlexModule Mini

Expansion Modules for Balance 20X





Balance 20X



*Supported models Balance 20X (HW2 or above)

Specifications

Ordering Information

	1x VDSL Module (EXM-MINI-1VDSL)
Interface	1x RJ11 Connector, 1x Status LED
Power Consumption	9W
Weight	0.44 pounds (200 grams)

Product Code	Description
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EXM-MINI-1VDSL	Expansion Module with 1x VDSL modem
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