

# B380X/580X

Fixed and Advanced Wireless Broadband  
SD-WAN Router

peplink | PEPWAVE

## Experience Network Failover with LTE or 5G

If your network fails, the device will automatically switch over to the cellular connection using LTE or 5G to resume connectivity.

## Out-of-Band Management whenever, wherever

Remotely manage and troubleshoot your devices all through the convenience of a FlexModule Mini.

## Bandwidth-on-Demand with LTE or 5G

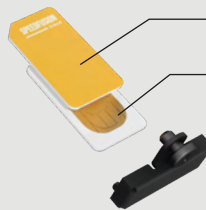
Network can be changed from LTE to 5G simply by changing the FlexModule Mini.



## Flexibility to Choose:

For instant hassle-free access take advantage of our SpeedFusion Cloud SIM included\*

A SIM of your choice



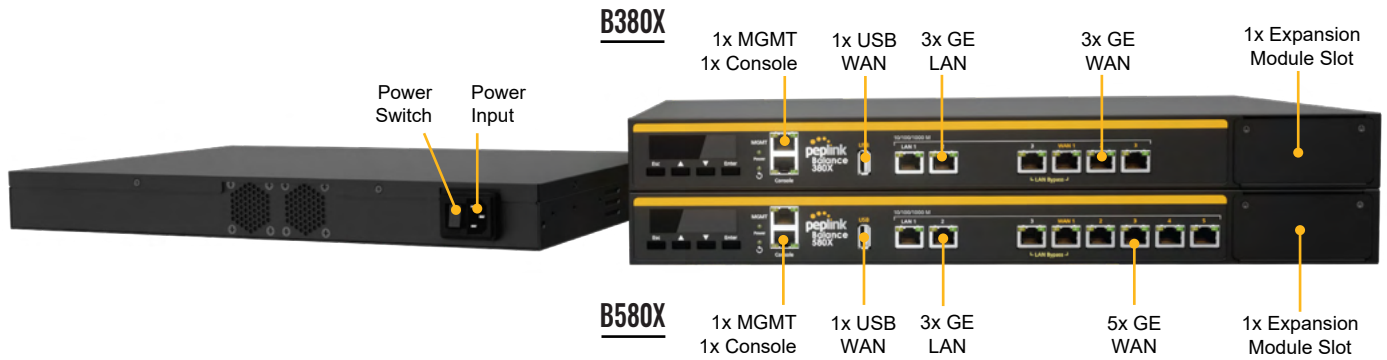
\* Introductory offer: 10GB SpeedFusion Cloud SIM (included). Subject to availability and selected countries.

## SpeedFusion Cloud meeting your deployment needs

Through just a click of button, your device will activate SpeedFusion Cloud allowing you to achieve unbreakable connectivity and removing the need for a second endpoint.



# Balance 380X / 580X



## Specifications

	B380X	B580X		B380X	B580X
Ethernet WAN Ports	3 (GE)	5 (GE)	Bandwidth Usage Monitor	Yes	Yes
LAN Ports	3 (GE)	3 (GE)	QoS for VoIP and E-commerce	Yes	Yes
USB WAN Modem Port	1	1	User Groups Bandwidth Control	Yes	Yes
Expansion Modules (option)	1	1	Web blocking	Yes	Yes
Embedded LTE Modem	No	No	Web Filtering Blacklist	Full	Full
Recommended Users	50-500	300-1000	1U Rackmount	Yes	Yes
Stateful Firewall Throughput	3Gbps	4Gbps	High Availability	Yes	Yes
Load Balancing/Failover	Yes	Yes	LAN Bypass	Yes	Yes
Drop-In Mode	Yes	Yes	Dual Hot Swap Power Supply	No	No
Inbound Load Balancing	Yes	Yes	Power Input	AC Input 100V - 240V	
SpeedFusion Bandwidth Bonding	Yes	Yes	Power Consumption	35W (for the main chassis)	
Number of SpeedFusion Peers	30/100*	50/100*	Dimensions	17.3 x 10.4 x 1.73 inches / 440 x 265 x 44 mm	
SpeedFusion Throughput	500Mbps	500Mbps	Weight	7.3 pounds / 3.3 kg	
SpeedFusion Throughput (No Encryption)	500Mbps	500Mbps	Operating Temperature	32° – 104°F / 0° – 40°C	
L2TP / PPTP VPN Server	Yes	Yes	Humidity	10% - 85% (non-condensing)	
IPsec VPN (Network-to-Network)	Yes	Yes	Certifications	FCC, CE, RoHS	
Manage Pepwave AP	Yes	Yes	Warranty	1-Year Limited Warranty	
Maximum Number of AP Supported	50	100	Package Content	Balance Router, Power Cord (ACW-614) 1 Pair of Mounting Brackets (ACW-382)	
Manage Remote AP & Multiple Config Profiles	Yes ^	Yes ^			

## Ordering information

Product Code	Description
BPL-380X	Balance 380X, 3x GE WAN ports and 3x GE LAN ports. SpeedFusion capable
BPL-580X	Balance 580X, 5x GE WAN ports and 3x GE LAN ports. SpeedFusion capable

## Feature Add-on

Product Code	Description
SFN-LC-100	Up to 100 SpeedFusion Bonding License Key for Balance 380X/580X

\* 30/50 SpeedFusion Peers are enabled by default for Balance 380X/580X respectively. Can be increased to 100 Peers with purchase of SpeedFusion Bonding license SFN-LC-100.

^ Balance 380X/580X comes with AP Controller Pro, which supports multiple configuration profiles with multiple SSIDs, and you can manage remote APs outside the local physical LAN.

# FlexModule Mini

## Expansion Modules for Balance 380X / 580X



## Specifications

1x LTE-A Module (EXM-MINI-1GLTE-G)	
<b>Interface</b>	1x Embedded LTE-A Cellular Modems with Redundant SIM Slots
<b>Antenna Connectors</b>	4x SMA Cellular Antenna Connectors
<b>Downlink/Uplink Datarate</b>	1.2Gbps/150Mbps (CAT-18)
<b>Power Consumption</b>	20W
<b>Weight</b>	0.83 pounds (375 grams)

1x LTE-A Module (EXM-MINI-1LTEA)	
<b>Interface</b>	1x Embedded LTE-A Cellular Modems with Redundant SIM Slots
<b>Antenna Connectors</b>	2x SMA Cellular Antenna Connectors
<b>Downlink/Uplink Datarate</b>	300Mbps/50Mbps (CAT-6) 600Mbps/150Mbps (CAT-12)
<b>Power Consumption</b>	20W
<b>Weight</b>	0.83 pounds (375 grams)

## Bands

Product Code	Description	Carrier/Category	Embedded Modems	4G Bands	3G Bands
EXM-MINI-1LTEA-W	Expansion Module with 1x LTE-A modems (CAT-6)	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	Expansion Module with 1x LTE-A modems (CAT-6)	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
EXM-MINI-1LTEA-R	Expansion Module with 1x LTE-A Pro modems (CAT-12)	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	Expansion Module with 1x LTE-A Pro modems (CAT-12)	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	Expansion Module with 1x LTE-A Pro modems (CAT-18)	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