

B380X/580X

peplink | PEPWAVE

Fixed and Advanced Wireless Broadband
SD-WAN Router

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

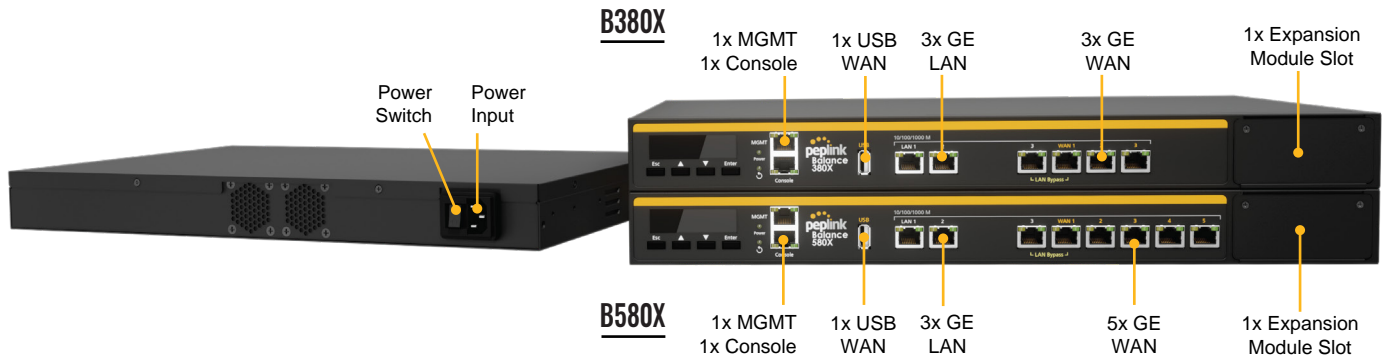
Network can be changed from LTE to 5G simply by changing the FlexModule Mini.

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)	1x LTE-A Module (EXM-MINI-1LTEA)
Interface	1x Embedded LTE-A Cellular Modems with Redundant SIM Slots	1x Embedded LTE-A Cellular Modems with Redundant SIM Slots
Antenna Connectors	4x SMA Cellular Antenna Connectors	2x SMA Cellular Antenna Connectors
Downlink/Uplink Datarate	1.2Gbps/150Mbps (CAT-18)	300Mbps/50Mbps (CAT-6) 600Mbps/150Mbps (CAT-12)
Power Consumption	20W	20W
Weight	0.83 pounds (375 grams)	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