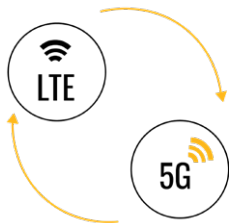




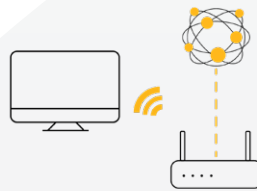
Fixed and Advanced Wireless  
Broadband SD-WAN Router

# Balance 580X



### 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

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

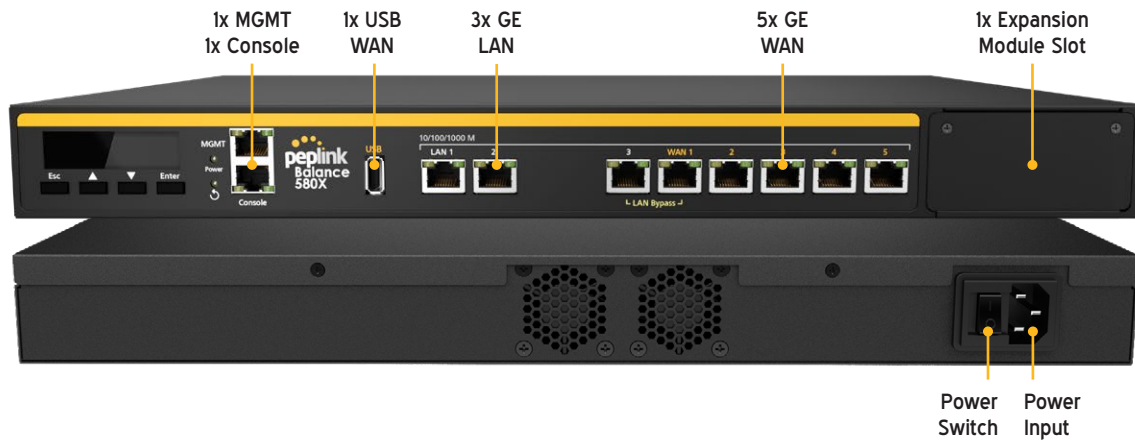


\* Introductory offer: 10GB SpeedFusion Cloud SIM (included). Subject to availability and selected countries.

## 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.





## SPECIFICATIONS

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

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

<sup>^</sup> Balance 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.

## ORDERING INFORMATION

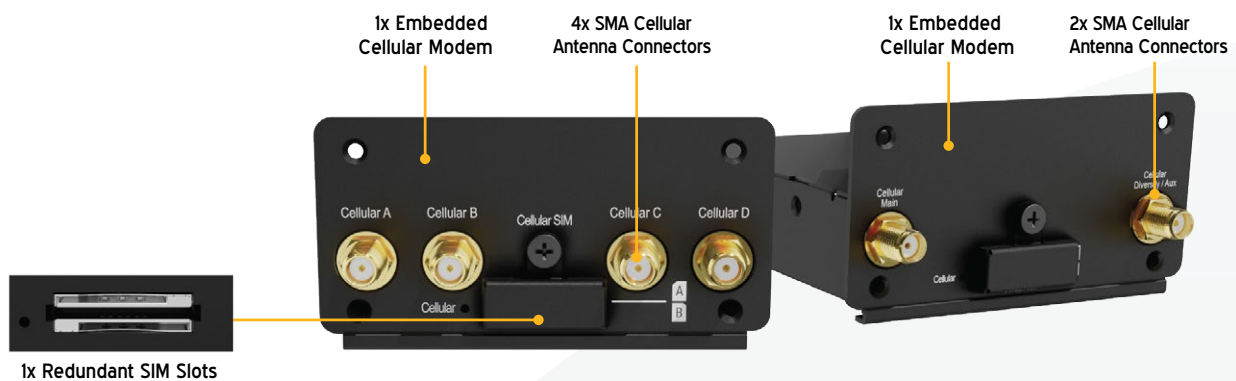
Product Code	Description
BPL-580X	Balance 580X, 5x GE WAN ports and 3x GE LAN ports. SpeedFusion capable

## FEATURE ADD-ON

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

# FlexModule Mini

## Expansion Modules for Balance 580X



## SPECIFICATIONS

### 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:** 1.2Gbps/150Mbps (CAT-18)
- **Power Consumption:** 20W
- **Weight:** 375 grams

### 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), 600Mbps/150Mbps (CAT-12)
- **Power Consumption:** 20W
- **Weight:** 375 grams



## BANDS

Product Code	Description	Carrier / Category	Embedded Modems	4G Bands	3G Bands
EXM-MINI-ILTEA-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-ILTEA-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-IGLTE-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

### Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.