



# Balance 580

Link Aggregation and Load Balancing  
Across 5 WAN Connections.

## At a Glance



**5x**

Ethernet WAN  
(Gigabit Ethernet)



**3x**

Ethernet LAN  
(Gigabit Ethernet)



**2x**

USB WAN Port



**1.5Gbps**

Stateful Firewall  
Throughput



**200Mbps**

PepVPN Throughput  
(256-bit AES)

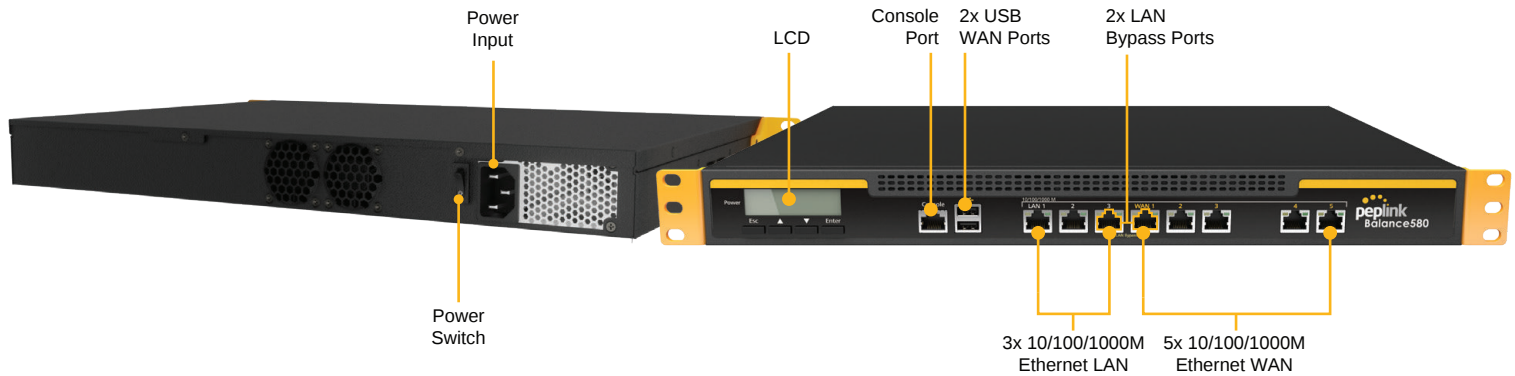


**Up to 100**

VPN Peers

# Balance 580

## Specifications



|                                           |                            |                                                            |                                                                                 |
|-------------------------------------------|----------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|
| <b>WAN Interface</b>                      | 5 (GE)<br>1x USB Interface | <b>Remote AP &amp; Multiple Config Profiles Management</b> | Yes                                                                             |
| <b>LAN Interface</b>                      | 3 (GE)                     | <b>LAN Bypass</b>                                          | Yes                                                                             |
| <b>Stateful Firewall Throughput</b>       | 1.5 Gbps                   | <b>Remote User Access</b>                                  | Yes                                                                             |
| <b>PepVPN Throughput (No Encryption)</b>  | 200 Mbps                   | <b>L2TP / PPTP VPN Server</b>                              | Yes                                                                             |
| <b>PepVPN Throughput (256-bit AES)</b>    | 200 Mbps                   | <b>Bandwidth Usage Monitor</b>                             | Yes                                                                             |
| <b>Recommended Users</b>                  | 300 - 1000                 | <b>QoS for VoIP and E-commerce</b>                         | Yes                                                                             |
| <b>Number of PepVPN SpeedFusion Peers</b> | 50/100 <sup>1</sup>        | <b>User Groups Bandwidth Control</b>                       | Yes                                                                             |
| <b>Maximum Number of AP Supported</b>     | 100                        | <b>Web Blocking</b>                                        | Yes                                                                             |
| <b>SpeedFusion Hot Failover</b>           | Yes                        | <b>Operating Temperature</b>                               | 32°– 104° F / 0°– 40° C                                                         |
| <b>SpeedFusion WAN Smoothing</b>          | Yes                        | <b>LACP (802.3ad) NIC Bonding</b>                          | Yes                                                                             |
| <b>SpeedFusion Bandwidth Bonding</b>      | Yes                        | <b>Power Consumption</b>                                   | 50 W                                                                            |
| <b>Central Management</b>                 | InControl 2                | <b>1U Rack-mount</b>                                       | Yes                                                                             |
| <b>High Availability</b>                  | Yes                        | <b>Dimensions (W x D x H)</b>                              | 16.8 x 12 x 1.73 inches / 42.6 x 30.5 x 4.4 cm                                  |
| <b>Drop-in Mode</b>                       | Yes                        | <b>Weight</b>                                              | 8.8 pounds / 4 kg                                                               |
| <b>Content Filtering</b>                  | Full                       | <b>Certifications</b>                                      | FCC, CE, RoHS                                                                   |
| <b>Manage Pepwave AP</b>                  | Yes                        | <b>Warranty</b>                                            | 1-Year Limited Warranty                                                         |
|                                           |                            | <b>Package Content</b>                                     | 1x Balance 580<br>Power Cord (ACW-614)<br>1 Pair of Mounting Brackets (ACW-382) |

<sup>1</sup>50 SpeedFusion Peers are enabled by default. 100 Peers can be activated with additional license (SFN-LC-100).

## Ordering Information

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

## Feature Add-on

| Product Code | Description                        |
|--------------|------------------------------------|
| SFN-LC-100   | Enable up to 100 SpeedFusion peers |