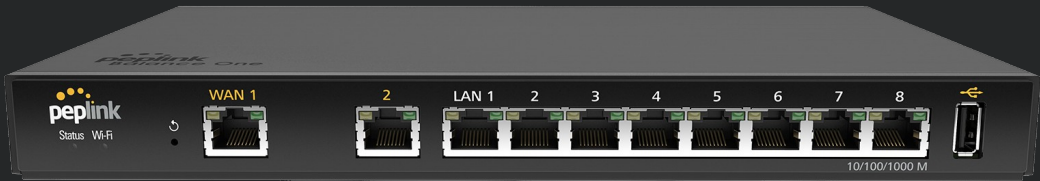


# Balance One Core



## Quick Look

Cellular	Ethernet WAN	Ethernet LAN	Stateful Firewall Throughput	SpeedFusion VPN Throughput (No Encryption)	SpeedFusion VPN Throughput (256-bit AES)
No	2/5 (GE) <sup>+</sup>	8/5 (GE) <sup>+</sup>	600Mbps/400Mbps <sup>+</sup>	60Mbps	30Mbps

### Interfaces

SFP LAN/WAN	No
Wi-Fi AP	No
USB	1

### Performance

Recommended Users	1-60
Number of SpeedFusion VPN Peers	2/5/20 <sup>1</sup>
Maximum Number of AP Supported	30

### Performance

SpeedFusion Hot Failover	Yes <sup>®</sup>	High Availability	No
SpeedFusion WAN Smoothing	Yes <sup>®</sup>	Content Filtering (Lite/Full)	Lite
SpeedFusion Bandwidth Bonding	Yes <sup>®</sup>	Pepwave AP Series Management	Yes
Remote SIM (used in SIM Injector)	No	Remote AP & Multiple Config Profiles Management	No
Central Management	InControl 2	LAN Bypass	No
Drop In Mode	Yes	Remote User Access	Yes

## Core Functionality

802.1q VLANs Supported	128
Port-Based VLAN	Yes
Load Balancing & Failover	Yes
Load Balancing Algorithms	8
Inbound Load Balancing	No
InControl Cloud Management	Yes

## IPsec/L2TP/PPTP VPN Functionality

SpeedFusion VPN	Yes
IPsec VPN (Network-to-Network)	Yes
Number of IPsec Tunnels	2
L2TP VPN Server	Yes
OpenVPN Server	Yes
PPTP VPN Server	Yes
Maximum PPTP/L2TP/ OpenVPN Users	15
GRE (Network-to-Network)	5

## Advanced QoS Functionality

Bandwidth Usage Monitor	Yes
QoS for VoIP and E-Commerce	Yes
User Groups Bandwidth Control	Yes
Web Blocking	Yes

## Hardware

LACP (802.3ad) NIC Bonding	No
PoE+ Output	No
Rack-mount	No
Dual Hot Swap Power Supply	No
Power Consumption	15W
Operating Temperature	23° – 113°F -5° – 45°C

## Certifications

FCC, CE, RoHS	Yes
Warranty	1-Year Limited Warranty

[+] Extra WAN port feature, it need WAN Port Activation License to enable this feature.

Balance One/One Core, BPL-ONE-LC-5WAN. Define LAN 1-3 to WAN 3-5 and Stateful Firewall become 400Mbps.

[1] SpeedFusion VPN Peers license, it can change the maximum number of SpeedFusion VPN peer.

Balance One/One Core, PVN-LC-05. Up to 5 SpeedFusion VPN peers.

Balance One/One Core, PVN-LC-10. Up to 10 SpeedFusion VPN peers.

Balance One/One Core, PVN-LC-20. Up to 20 SpeedFusion VPN peers.

[@] SpeedFusion Bonding license

[1] For a list of supported modems, please refer to <https://www.peplink.com/technology/4g3g-modem-support/>.

[2] Recommendation for sizing purposes only. No software restrictions applied.

[3] Router Throughput and SpeedFusion VPN Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.

[4] The number of peer Peplink or Pepwave devices you can connect using SpeedFusion VPN.

[5] IPsec only supports connection with Cisco, Juniper, Peplink or Pepwave devices.

Balance 20/30 LTE/One/210/310 comes with AP Controller Standard, which supports up to two configuration profiles with multiple SSIDs, meaning that all APs will

[6] share the same configuration, and you can only manage APs on the local physical LAN. 305/310 5G/310 5G Fiber/380/380X/580/580X/710/1350/2500/SDX/SDX