



Balance Model Comparison



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Balance Model Comparison

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	Branch/ Small Office		Small Business		Mid-Size Business		
Model	20/30	30 LTE	One	210/310	305	380	580
Product Code	BPL-021 BPL-031	BPL-031- LTE-*	BPL-ONE-*	BPL-210 BPL-310	BPL-305	BPL-380	BPL-580
Capacity							
Ethernet WAN Ports	2/3	2	2	2/3	3 (GbE)	3 (GbE)	5 (GbE)
Simultaneous Dual-Band 802.11a/b/g/n Wi-Fi	○	○	1	○	○	○	○
Embedded 4G LTE	○	1	○	○	○	○	○
USB WAN Modem Port ¹	1	1	1 ⁺	1	1	1	1
Recommended Users ²	1-25	1-25	1-50	1-50	50-500	50-500	300-1000
Router Throughput ³	100Mbps	100Mbps	1Gbps	100Mbps	200Mbps	200Mbps	400Mbps
Core Functionality							
Load Balancing / Failover	●	●	●	●	●	●	●
Load Balancing Algorithms ⁴	5	5	5	7	7	7	7

	Branch/ Small Office		Small Business		Mid-Size Business		
Drop-In Mode			^				
Inbound Load Balancing							
InControl Cloud Management							
PepVPN/SpeedFusion Functionality							
PepVPN	%						
SpeedFusion Hot Failover					^		
SpeedFusion Bandwidth Bonding			^		^		
Number of PepVPN/SpeedFusion Peers	2	2	2 ^	2	20 ^	20	50
PepVPN/SpeedFusion Throughput	30Mbps	30Mbps	30Mbps ^	30Mbps	30Mbps ^	60Mbps	80Mbps
IPsec/PPTP VPN Functionality							
IPsec VPN (Network-to-Network) ⁶							
Number of IPsec Tunnels	2	2	2	2	20	20	50
PPTP VPN Server							
Recommended PPTP VPN Users	15	15	15	15	50	50	100
AP Controller Functionality							
Manage Pepwave AP Series							
Maximum Number of	10	10	10	10	10/50 #	10/50 #	10/100 #



	Branch/ Small Office		Small Business		Mid-Size Business		
AP Support							
Advanced QoS Functionality							
Bandwidth Usage Monitor	●	●	●	●	●	●	●
QoS for VoIP and E-Commerce	●	●	●	●	●	●	●
User Groups Bandwidth Control	○	○	○	○	●	●	●
Web Blocking	●	●	●	●	●	●	●
Hardware							
LAN Ports	4 (GbE)	4 (GbE)	8 (GbE)	4 (GbE)	1 (GbE)	1 (GbE)	1 (GbE)
Power Consumption	15W	15W	15W	15W	50W	50W	50W
1U Rackmount	○	○	○	●	●	●	●
High Availability	○	○	○	●	●	●	●
LAN Bypass	○	○	○	○	○	○	●
Dual Hot Swap Power Supply	○	○	○	○	○	○	○
Certifications							
FCC, CE, RoHS	●	●	●	●	●	●	●
Warranty					1-Year Limited Warranty		

¹ For a list of supported modems, please refer to <http://www.peplink.com/modem>.

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

³ Router Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across

⁴ Balance 20/30 and Balance One features Weighted, Enforced, Persistence, Priority, and Overflow Load Balancing
/580/710/1350 features Weighted, Enforced, Persistence, Priority, Overflow, Least Used, and Lowest Latency Load

- ⁵ Number of peer Peplink or Pepwave devices you can connect using SpeedFusion VPN.
- ⁶ IPsec only supports connection with Cisco, Juniper, Peplink or Pepwave devices.
- ⁺ Requires a future firmware scheduled to be released in May, 2014.
- [&] Requires a future firmware scheduled to be released in second half of 2014.
- [^] PepVPN is supported on all models. SpeedFusion is an optional feature.
- [#] Balance 20/30, Balance One and Balance 210/310/305/380/580 come with free license to manage 10 Pepwave comes with free license to manage 20 Pepwave AP devices respectively. To manage additional AP, an optional AP
- ^{*} Balance 30 LTE, Balance One and Balance 2500 are available different configurations. Please refer to [ordering i](#)
- [%] Balance 20/30 requires firmware 6.1 to support PepVPN

Ordering Information for Balance 30 LTE

Product Code	Carrier	Description
BPL-031-LTE-V-T	Verizon	Embedded 4G model supporting Verizon's 4G LTE network and providing as needed. Technologies and frequency bands supported: 4G LTE (Band 13); C
BPL-031-LTE-A-T	AT&T/ T-Mobile/ Telcel	Embedded 4G model supporting AT&T/T-Mobile's 4G LTE network and prov Mobile 3G as needed. Technologies and frequency bands supported: 4G LT /HSUPA/ HSPA+/DC-HSPA+ (800/850/1900/2100 MHz).
BPL-031-LTE-E-T	4G LTE/ HSPA+ (EU)	Embedded 4G model supporting 4G LTE for EU and worldwide GSM carrier 3G as needed. Technologies and frequency bands supported: 4G LTE (Band /HSPA+/DC-HSPA+ (900/2100 MHz).

Ordering Information for Balance One

Product Code	Description
BPL-ONE	Gigabit dual-WAN router with simultaneous dual-band 11n Wi-Fi and 8-port GbE switch. Sup Management , and built-in AP Controller with captive portal .
BPL-ONE-3Y	Gigabit dual-WAN router with simultaneous dual-band 11n Wi-Fi and 8-port GbE switch. Sup Management , and built-in AP Controller with captive portal . Includes 3 years of InControl Cl of standard warranty.
BPL-ONE-SF	Gigabit dual-WAN router with simultaneous dual-band 11n Wi-Fi and 8-port GbE switch. Sup Management , and built-in AP Controller with captive portal . Supports SpeedFusion Hot Fail Bonding .

Ordering Information for Balance 2500



Product Code	Product Name	Description
BPL-2500	Balance 2500	Equipped with 8 (GbE) LAN ports and supporting LACP (802.3ad) NI
BPL-2500-SFP	Balance 2500	Equipped with two 10G SFP+ LAN ports. See a list of compatible SFI

Technical Specifications

Specs and Weight

Balance 20/30



Height: 1.38 inches (3.5 cm)
Width: 10.2 inches (26 cm)
Depth: 5.24 inches (13.3 cm)
Weight: 2.2 pounds (1.0 kg)
Temp: 0° - 65°C

Balance 210/310



Height: 1.73 inches (4.4 cm)
Width: 11.6 inches (29.3 cm)
Depth: 6.26 inches (15.9 cm)
Weight: 2.7 pounds (1.2 kg)
Temp: 0° - 65°C

Balance 305



Height: 1.73 inches (4.4 cm)
Width: 16.8 inches (42.6 cm)
Depth: 10.7 inches (27.3 cm)
Weight: 7.7 pounds (3.5 kg)
Temp: 0° - 40°C

Balance 380



Height: 1.73 inches (4.4 cm)
Width: 16.8 inches (42.6 cm)
Depth: 10.7 inches (27.3 cm)
Weight: 7.7 pounds (3.5 kg)
Temp: 0° - 40°C

Software

- Peplink Balance Firmware

WAN

- Support for PPPoE, Static IP, DHCP
- WAN Link Health Check
 - PING
 - DNS Lookup
 - HTTP
- Bandwidth Allowance Monitor
- IPv6 Support
- [USB 4G/3G Modem Support](#)
- Support for Dynamic DNS services
 - changeip.com
 - dyndns.org
 - no-ip.org
 - tzo.com
 - DNS-O-Matic

- WAN Port Convertible into LAN Port **10**

LAN

- DHCP Server for LAN Clients
- Extended DHCP Option
- DHCP Reservation
- DNS Proxy for LAN Clients
- VLAN on LAN Support

Load Balancing

- Intelligent Failover
- Session Persistence

Networking

- NAT and
- Static F
- Port Fo
- Many to
- NAT Po
- SIP AL
- UPnP, I
- WINS S
- OSPFv

AP Control

- Support
- Auto AI
- Auto AI
- AP Pro
- Wi-Fi U

Captive Po

- Support
- Support
- Support
- Time ar
- Mode
- Built-in

DNS

- Built-in
- Su
- SC

Balance 580

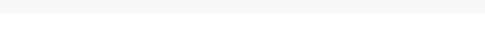
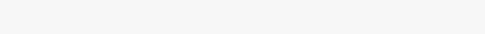
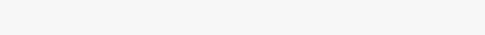
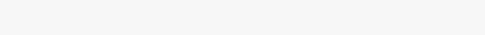
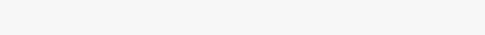
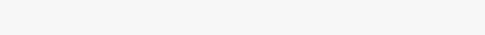
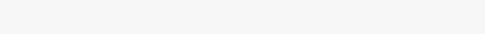
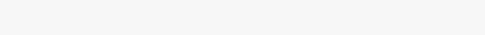
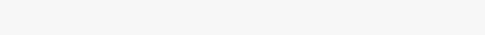
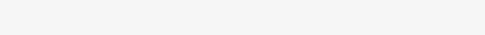
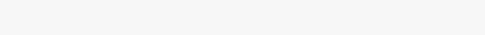
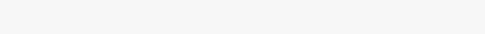
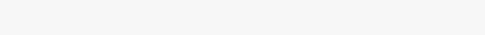
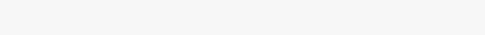
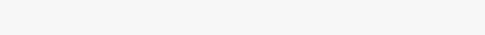
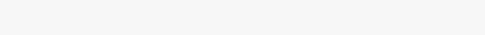
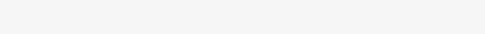
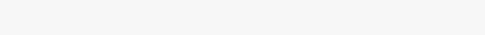
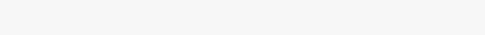
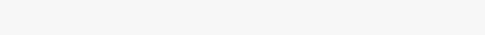
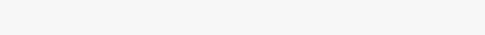
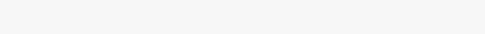
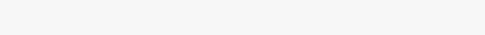
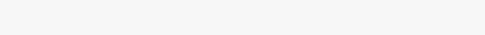
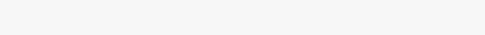
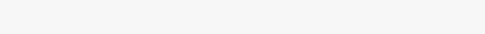
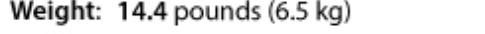
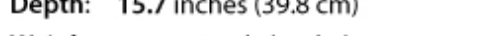
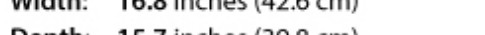
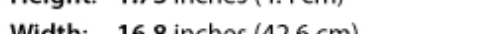
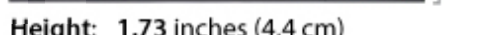
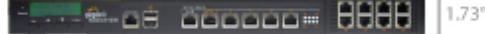
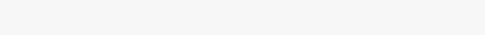
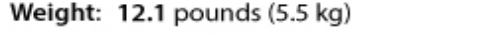
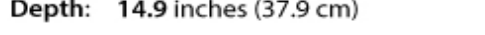
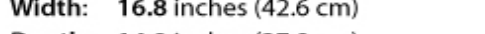
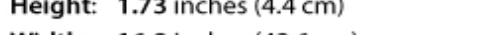
Peplink | Pepwave



800 West El Camino Real
Mountain View, CA 94040
United States
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Width: 16.8 inches (42.6 cm)
Depth: 10.9 inches (27.8 cm)
Weight: 12.1 pounds (5.5 kg)
Temp: 0° - 40°C

Fax: +1 (866) 625 4664
Email: sales@peplink.com

Balance 710



Per-Service Load Distribution

Latest Posts:

Weighted

Introducing InControl 2 -

Cloud Based

Management &

Monitoring

Priority

January 29, 2014

Overflow

Meet the new Balance 30

LTE -- Unparalleled

Uptime with LTE Backup.

January 16, 2014

Lowest Latency

Complete VPN Solution

PepVPN/SpeedFusion Bandwidth Bonding

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Site-to-Site VPN

Bandwidth Aggregation

Hot Failover

256-bit AES Encryption

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Dynamic Routing

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Security

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address and...

http://t.co/q5RkslxE6t

March 24, 2014 →

Device Ma

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InControl 2 - and you might win a

Balance One! Click this link to learn

more: https://t.co/socbLiU6uP

March 14, 2014 →

InContr

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