wi link

	BRANCH/SMALL OFFICE		SMALL BUSINESS		MID-SIZE BUSINESS			LARGE ENTERPRISE/CAMPUS		
Model	**20/30/50**	**30 LTE**	**One**	**210/310**	**305**	**380**	**580**	**710**	**1350**	**2500**
Product Code	BPL-021 BPL-031BPL-050	BPL-031-LTE[*]	BPL-ONE[*]	BPL-210 BPL-310	BPL-305	BPL-380	BPL-580	BPL-710	BPL-135	BPL-2500[*]
CAPACITY										
Ethernet WAN Ports	2/3/5	2	2(GbE)	2+/3(GbE)	3 (GbE)	3 (GbE)	5 (GbE)	7 (GbE)	13 (GbE)	12 (GbE)
LAN Ports	4(GbE)	4(GbE)	8(GbE)	7(GbE)	3 (GbE)	3 (GbE)	3 (GbE)	3 (GbE)	3 (GbE)	8 (GbE/2(10G SFP+)[*]
Simultaneous Dual-Band 802.11a/b/g/n Wi-Fi	◎	◎	1	◎	◎	◎	◎	◎	◎	◎
Embedded 4G LTE	◎	1	◎	◎	◎	◎	◎	◎	◎	◎
Sim Card Size	◎	Mini-SIM (2FF)	◎	◎	◎	◎	◎	◎	◎	◎
USB WAN Modem Port[1]	1	1	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	500-2000	1000-5000	5000-20000+
Router Throughput[3]	100Mbps	100Mbps	1Gbps	100Mbps	200Mbps	200Mbps	400Mbps	800Mbps	1500Mbps	8Gbps
CORE FUNCTIONALITY										
802.1q VLANs Supported	16	16	16	16	128	128	128	128	128	128
Load Balancing / Failover	●	●	●	●	●	●	●	●	●	●
Load Balancing Algorithms	7	7	7	7	7	7	7	7	7	7
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	2/ 20&	20	50	300	800	4000
PepVPN/SpeedFusion Throughput	30Mbps	30Mbps	30Mbps^	30Mbps	60Mbps^	60Mbps	80Mbps	160Mbps	350Mbps	2Gbps
IPSEC/PPTP VPN FUNCTIONALITY										
IPsec VPN (Network-to-Network)[6]	●	●	●	●	●	●	●	●	●	●
Number of IPsec Tunnels	2	2	2	2	20	20	50	150	400	800
PPTP VPN Server	●	●	●	●	●	●	●	●	●	●
Recommended PPTP VPN Users	15	15	15	15	50	50	100	200	500	1000
AP CONTROLLER FUNCTIONALITY										
Manage Pepwave AP Series	●	●	●	●	●	●	●	●	●	●
Maximum Number of AP Support	10	10	10	10	10/50#	10/50#	10/100#	20/250#	20/500#	20/1500#
Manage Remote AP & Multiple Config Profiles[7]	◎	◎	◎	◎	●	●	●	●	●	●
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)	7 (GbE)	1 (GbE)	1 (GbE)	3 (GbE)	3 (GbE)	3 (GbE)	8 (GbE)/ 2 (10G SFP+)[*]
Power Consumption	15W	15W	15W	15W	50W	50W	50W	70W	70W	230W
1U Rackmount	◎	◎	◎	●	●	●	●	●	●	●
High Availability	◎	◎	◎	●	●	●	●	●	●	●
LAN Bypass	◎	◎	◎	◎	●	●	●	●	●	●
Dual Hot Swap Power Supply	◎	◎	◎	◎	◎	◎	◎	◎	◎	●

CERTIFICATIONS

FCC, CE, RoHS	●	●	●	●	●	●	●	●	●	●

[1] For a list of supported modems

[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 different networking environments.

[4] 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.

[6] Balance 20/30/30 LTE/50/One/210/310 comes with AP Controller Standard, which supports one configuration profile with multiple SSIDs, meaning that all APs will share the same configuration, and you can only manage APs on the local physical LAN. Balance 305/380/580/710/1350/2500 comes with AP Controller Pro, which supports multiple configuration profiles with multiple SSIDs, and you can manage remote APs outside the local physical LAN.

[+] Balance 210 has an extra WAN port which can be activated through license key.

[^] PepVPN is supported on all models. SpeedFusion is an optional feature.

[&] Balance 305 supports 2 PepVPN peers. With purchase of SpeedFusion License, the Balance 305 supports up to 20 SpeedFusion peers.

[#] Balance 20/30/50, Balance One and Balance 210/310/305/380/580 come with free license to manage 10 Pepwave AP devices. Balance 710/1350/2500 comes with free license to manage 20 Pepwave AP devices respectively. To manage additional AP, an optional AP Controller license purchase is required.

[*] Balance 30 LTE, and Balance 2500 are available different configurations.

[%] Balance 20/30/50 requires firmware 6.1 to support PepVPN.

Balance 20/30 LTE
Balance 30
Balance 50

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 kg)

Balance One

Height 1.2 inches (3 cm)
Width   10.7 inches (27.1 cm)
Depth   6.3 inches (16 cm)
Weight 1.22 pounds (0.56 kg)

Balance 210
Balance 310

Height 1.73 inches (4.4 cm)
Width   11.6 inches (29.3 cm)
Depth   10.7 inches (27.3 cm)
Weight 7.7 pounds (3.5 kg)

Balance 305

Height 1.73 inches (4.4 cm)
Width   16.8 inches (42.6 cm)

Balance 380
Balance 580

Balance 305/380/580
Depth   12 inches (30.5 cm)
Weight 8.8 pounds (4 kg)

Balance 710
Balance 1350

Balance 710/1350
Depth   12 inches (30.5 cm)
Weight 15.4 pounds (7 kg)

Balance 2500
Balance 2500-SFP

Balance 2500/2500-SFP
Depth   21.7 inches (55 cm)
Weight 26.5 pounds (12 kg)

ORDERING INFORMATION FOR BALANCE 30 LTE

PRODUCT CODE	CARRIER	DESCRIPTION
BPL-031-LTE-V-T	4G LTE (Band 13)	Embedded 4G model supporting 4G LTE (Band 13) network and providing automatic fallback to 3G CDMA (800/1900 MHz) as needed.
BPL-031-LTE-A-T	AT&T/ Telcel	Embedded 4G model supporting AT&T/Telcel 4G LTE network and providing automatic fallback to AT&T/Telcel 3G as needed. Technologies and frequency bands supported: 4G LTE (Band 1/4/17); WCDMA/HSDPA/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 carriers and providing automatic fallback to 3G as needed. Technologies and frequency bands supported: 4G LTE (Band 1/3/7/8/20); WCDMA/HSDPA/HSUPA/HSPA+/DC-HSPA+ (800/850/900/1900/2100 MHz).

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) NIC bonding.
BPL-2500-SFP	Balance 2500	Equipped with two 10G SFP+ LAN ports. See a list of compatible SFP+ modules here.

FEATURE ADD-ON FOR AP CONTROLLER

PRODUCT CODE	COMPATIBLE WITH	DESCRIPTION
WLC-100	Balance 305 & 380 Balance 580	Upgrade to AP Controller Pro. Balance 305 and 380 can manage up to 50 APs. Balance 580 can manage up to 100 APs. Support multiple configuration profiles with multiple SSIDs, and manage remote APs outside the local physical LAN. .
WLC-200	Balance 710 Balance 1350	Upgrade to AP Controller Pro. Balance 710 and 1350 can manage up to 250 and 500 APs respectively. Support multiple configuration profiles with multiple SSIDs, and manage remote APs outside the local physical LAN.
WLC-500	Balance 2500	Upgrade to AP Controller Pro. Manage up to 1500 APs. Support multiple configuration profiles with multiple SSIDs, and manage remote APs outside the local physical LAN.

FEATURE ADD-ON FOR B210

PRODUCT CODE	PRODUCT NAME	DESCRIPTION
BPL-210-LC-WAN	WAN Port Activation License	Activate WAN 3 on Balance 210

Technical Specifications

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

Complete VPN Solution

- PepVPN/SpeedFusion Bandwidth Bonding 8
    - Site-to-Site VPN
    - Bandwidth Aggregation
    - Hot Failover
    - 256-bit AES Encryption
    - Pre-shared Key Authentication
    - Dynamic Routing
    - X.509 Certificate Support8
- PPTP VPN Server
    - RADIUS, LDAP Authentication 7
- IPsec VPN (Network-to-Network)
    - X.509 Certificate Support8

Advanced QoS

- User Groups
    - Bandwidth Reservation
    - Individual Bandwidth Limit7

Captive Portal

- Support for Wired and Wireless LAN Clients
- Support RADIUS Authentication
- Support LDAP Authentication10
- Time and Usage Quotas on Open Access Mode
- Built-in Customizable Splash Page

DNS

- Built-in Authoritative DNS 10
    - Support for A, CNAME, NS, MX, PTR, SOA, SRV, TXT records

Device Management

- Web Administrative Interface
- Command Line Interface
- InControl Cloud Management
- Email Notification
- Active Client & Session Lists
- Bandwidth Usage Statistics

- 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
- Per-Service Load Distribution
- Multiple Algorithms
  - Weighted
  - Enforced
  - Persistence
  - Priority
  - Overflow
  - Least Used 7
  - Lowest Latency 7

Security

- DoS Prevention
- Stateful Firewall
- Web Blocking

- Application Prioritization
  - By User Groups
  - SIP, HTTPS, VPN QoS
  - Custom Application QoS

Networking

- NAT and IP Forwarding
- Static Routes
- Port Forwarding
- Many to One, One to One NAT
- NAT Pool
- SIP ALG, H.323 ALG
- UPnP, NAT-PMP
- WINS Server
- OSPFv2 and RIPv2 Support

AP Controller 9

- Support for Pepwave AP Series
- Auto AP Discovery
- Auto AP Firmware Management
- AP Profile Configuration
- Wi-Fi Usage Statistics

Support and Warranty

- 1-Year Standard Warranty
- 1-Year Standard Support 12
  - Unlimited 8×5 Email Support
  - 90 Days Telephone Support
- 1-Year Firmware Upgrade

- Syslog Service
- SNMP v1, v2c and v3

Power Requirements

- Universal Input 100V – 240V AC

Package Content

- Balance 20/30/30 LTE/50/One/210/310
  - Balance Router
  - 12V2A Power Supply

- Balance 305/380/580/710/1350
  - Balance Router
  - Power Cord
  - 1 Pair of Mounting Brackets

- Balance 2500
  - Balance Router
  - 2x Power Cord
  - 1 Pair of Mounting Brackets

Certifications

- CE
- FCC
- RoHS

7 Features not available on Balance 20/30/50.
8 Features available on the Balance 20/30/50 as an upgrade.
9 AP Controller Basic comes standard with all Balance models. AP Controller Full comes standard with the Balance 305 and above.

10 This feature is only available on the Balance 210 and above.
11 IPsec only supports connection with Cisco, Juniper, Peplink or Pepwave devices.
12 Only valid for customers who have purchased Peplink Balance devices directly from Peplink.

Feature not available in every model. Please refer to model comparison for details.
All specifications are subject to change without notice.

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