Balance Series
Comparison Table

Models for Small Office / Branch

MODEL	20	20X	30 LTE	30 PRO	ONE	TWO	210	310X
Product Code	BPL-021	BPL-021X-LTE	BPL-031-LTE	BPL-031-LTEA	BPL-ONE	BPL-TWO	BPL-210	BPL-310X
Capacity								
Ethernet WAN Ports	2 (GE) +	1 (GE)	2 (GE)	2 (GE)	2/5 (GE) #	2 (GE)	2 (GE) +	2 (GE)

MODEL	20	20X	30 LTE	30 PRO	ONE	TWO	210	310X
LAN Ports	4 (GE)	4 (GE)	4 (GE)	4 (GE)	8/5 (GE) #	4 (GE)	7 (GE)	9 (GE)
Simultaneous Dual-Band 802.11ac/a/b/g/n Wi-Fi AP	No	Yes	No	Yes	Yes	No	No	No
Embedded 4G LTE	No	Yes	Yes	Yes	No	No	No	Yes
SIM Card Size	No	Mini-SIM (2FF)	Mini-SIM (2FF)	Mini-SIM (2FF)	No	No	No	Mini-SIM (2FF)
USB WAN Modem Port [1]	1	1	1	1	1	1	1	2
Recommended Users [2]	1-60	1-60	1-60	1-60	1-60	25-150	25-150	50-500
Stateful Firewall Throughput [3]	150Mbps	900Mbps	200Mbps	400Mbps	600Mbps/ 400Mbps #	1Gbps	350Mbps	2.5Gbps

Core Functionality

MODEL	20	20X	30 LTE	30 PRO	ONE	TWO	210	310X
802.1q VLANs Supported	16	16	16	16	128	128	128	1024
Port-Based VLAN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Load Balancing & Failover	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Load Balancing Algorithms	8	8	8	8	8	8	8	8
Drop-In Mode	No	Yes	No	No	No	No	Yes	Yes
Inbound Load Balancing	No	No	No	No	No	No	Yes	Yes
InControl Cloud Management	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PepVPN/SpeedFusion Functionality								
PepVPN	Yes %	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SpeedFusion Hot Failover	No	Yes	No	Yes	No ^	No ^	Yes	Yes

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SpeedFusion WAN Smoothing	No	Yes ^	No	No ^	No ^	No ^	Yes	Yes
SpeedFusion Bandwidth Bonding	No	Yes ^	No	No ^	No ^	No ^	Yes	Yes
Number of PepVPN/SpeedFusion Peers [4]	2/5 !	2/5 !	2/5 !	2/5 !	2/5/20 ~^	2/5/20 ~^	2/5 !	2/30 &
PepVPN Throughput (256-bit AES) [3]	30Mbps	60Mbps	55Mbps	55Mbps	30Mbps	150Mbps	80Mbps	500Mbps
PepVPN Throughput (No Encryption) [3]	60Mbps	100Mbps	120Mbps	120Mbps	60Mbps	150Mbps	150Mbps	600Mbps
IPsec/L2TP/PPTP VPN Functionality								
IPsec VPN (Network-to-Network) [5]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of IPsec Tunnels	2	5	2	2	2	2	2	5

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Remote User Access	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
L2TP VPN Server	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OpenVPN Server	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PPTP VPN Server	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Maximum PPTP/L2TP/OpenVPN Users	15	15	15	15	15	15	15	15
GRE (Network-to-Network)	5	5	5	5	5	5	5	5
AP Controller Functionality								
Pepwave AP Series Management	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Maximum Number of AP Supported	10	30	30	30	30	30	30	30

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Remote AP & Multiple Config Profiles Management [6]	No	Yes	No	No	No	No	No	Yes
Advanced QoS Functionality								
Bandwidth Usage Monitor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QoS for VoIP and E-Commerce	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
User Groups Bandwidth Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Web Blocking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Web Filtering Blacklist	No	Lite	No	No	Lite	Lite	Lite	Full
Hardware								
Operating Temperature	-40° – 149°F	14° – 113°F -10° – 45°C	-40° – 149°F -40° – 65°C	-40° – 149°F -40° – 65°C	23° – 113°F -5° – 45°C	32° – 104°F 0° – 40°C	-40° – 149°F	-40° – 149°F -40° – 65°C

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	-40° – 65°C						-40° – 65°C	
LACP (802.3ad) NIC Bonding	No	No	No	No	No	No	No	Yes
Power Consumption	15W	28W	28W	28W	15W	40W (max.)	15W	30W
1U Rackmount	No	No	No	No	No	No	Yes	Yes
High Availability	No	No	No	Yes	No	No	Yes	Yes
LAN Bypass	No	No	No	No	No	No	No	Yes
Dual Hot Swap Power Supply	No	No	No	No	No	No	No	No
Certifications								
FCC, CE, RoHS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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Warranty   1-Year Limited Warranty

[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 PepVPN/SpeedFusion 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.
[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 LTE/One/210/310 comes with AP Controller Standard, which supports up to two configuration profiles 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 20 and 210 have an extra WAN port which can be activated through license key. Click here to learn more.
# If the WAN Activation License (BPL-ONE-LC-5WAN) is activated, router throughput will be changed to 400Mbps, both number of WAN and LAN will become 5.
^ PepVPN is supported on all models. SpeedFusion is an optional feature.
* Balance 2500 are available different configurations. Please refer to ordering information for details.
% Balance 20/30 LTE requires firmware 6.1 to support PepVPN.
! 2 PepVPN Peers are enabled by default. Can be increased to 5 Peers using license PVN-LC-05.
& 2 SpeedFusion Peers are enabled by default. Can be increased to 30 Peers with purchase of SpeedFusion Bonding License SFN-LC-30.
~ 2 PepVPN Peers are enabled by default. Can be increased to 5 Peers using license PVN-LC-05 or to 20 Peers using license MAX-HD-020-SPF.
@ 30/50 SpeedFusion Peers are enabled by default for Balance 380/580 respectively. Can be increased to 100 Peers with purchase of SpeedFusion Bonding license SFN-LC-100.