Peplink Balance One

Advanced Dual-WAN Router for Branch Networking.

peplink

One Huge Leap Forward for SMB, and Branch Networking.

The Balance One router with dual-WAN load balancing delivers big-business uptime and speed in an affordable package designed just for SMBs, branch offices, and power users. Featuring:

600Mbps Throughput. Dual WAN Support.

Drives data at 600Mbps# and keeps connections dependable and fast with automatic balancing and failover between links.

Built-in AP Controller and InControl 2.

Built in AP Controller or InControl 2 cloud management puts you in charge of all connected access points, create and manage custom captive portals.

Simultaneous Dual-Band with 11ac Wi-Fi. (Balance One Only)

Balance One (BPL-ONE) gives you two independent networks that also work together, so all your devices can connect without clashing. Recommended Concurrent Users Per Radio is 60.

Remote User VPN   QoS: Assign Priority

Enterprise Features.

Connect remote clients to your private network using L2TP with IPsec, monitor Bandwidth Usage, allocate bandwidth for user groups, and more.

Eight GbE LAN Ports.

Connect all your devices at high speeds, without complicated setup, compromises, or external switches to buy and maintain.

Unparalleled Modem Support.

The Balance One's USB port supports more than 250 4G LTE/3G modems used by a variety of carriers worldwide.

Setup, Manage, and Monitor Office Wi-Fi from Your Balance One

5GHz OR 2.4GHz

Ethernet LAN

AP One 300M

1 Provision AP One access points with the Balance One's built-in AP Controller

2 Web blocking keeps your staff out of unwanted websites and help them stay productive

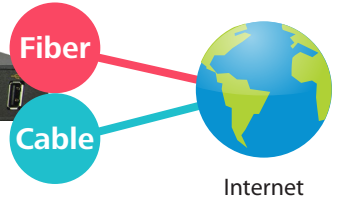**3** Get detailed access point usage reports anytime, right from your Balance One

Online 11
Offline 9
Total AP 20

Balance One Core

Fiber

Cable

Internet

5GHz 2.4GHz

Ethernet LAN

PEPWAVE

AP One In-Wall

The AP One is available in a variety of configurations. Visit peplink.com/ap for details.

Connect Your Home Office with LTE Backup for 100% Uptime

Tablet

Smartphone

Laptop

4 The Balance One has simultaneous dual-band 11n Wi-Fi for your wireless devices

5GHz 2.4GHz

1 600Mbps capacity for your blazing fast fiber Internet

Balance One

Fiber

Cable

Internet

Failover

4G LTE
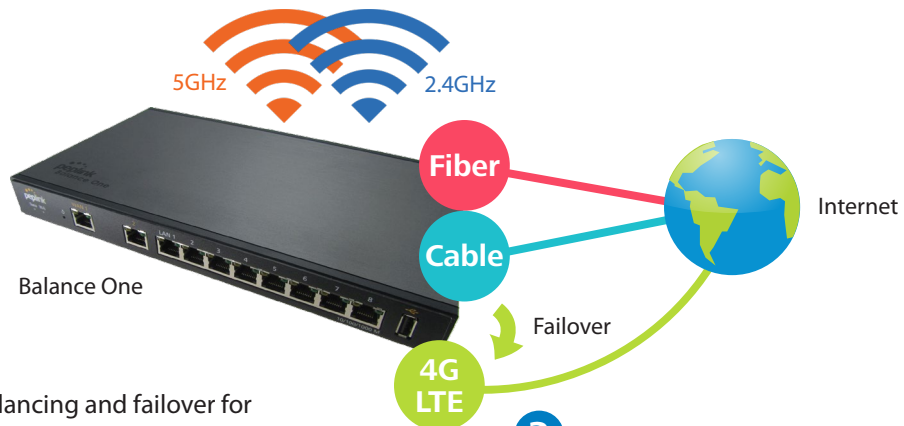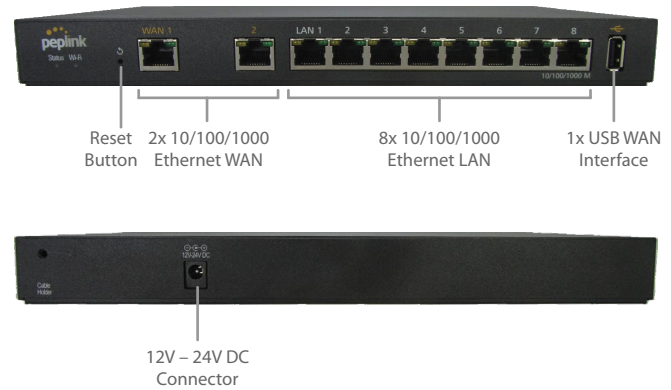
2 Dual-WAN load balancing and failover for unparalleled uptime

3 USB LTE connection will take place when Ethernet connections are down

Specifications

Balance One / Balance One Core

WAN Interface	2x 10/100/1000M Ethernet Ports# 1x USB Interface
LAN Interface	8x 10/100/1000M Ethernet Ports#
Wi-Fi Interface	Simultaneous Dual-Band 802.11ac/a/b/g/n Access Point*
Wi-Fi AP Operating Frequency	2412 – 2472 and 5180 - 5825 MHz*
Router Throughput	600Mbps/400Mbps#
Recommended Users	1-60
Number of VPN/SpeedFusion Peers	2
PepVPN/SpeedFusion Throughput	30Mbps
Power Input	Device: 12V – 24V DC AC Adapter: AC Input 100V – 240V, DC Output 12V
Power Consumption	15W (max.)
Dimension	1.2 x 10.7 x 6.3 inches 30 x 271 x 160 mm (H x W x D)
Weight	1.3 pound 570 grams
Operating Temperature	14° – 113°F -10° – 45℃
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS
Warranty	1-Year Limited Warranty

Built-in Simultaneous Dual-Band 802.11a/b/g/n Wi-Fi AP with Embedded Antenna

10.7 inches
271 mm

6.3 inches
160 mm

1.2 inches
30 mm

Reset Button | 2x 10/100/1000 Ethernet WAN | 8x 10/100/1000 Ethernet LAN | 1x USB WAN Interface

12V – 24V DC Connector

#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.
*Wi-Fi is available on Balance One (BPL-ONE) only.

Product Ordering Information

Product Code	802.11ac/a/b/g/n AP	Dual-WAN	PepVPN	SpeedFusion Hot Failover/ SpeedFusion Bandwidth Bonding
BPL-ONE-CORE	○	●	●	Feature Add-On (BPL-ONE-LC-SF)
BPL-ONE	●	●	●	Feature Add-On (BPL-ONE-LC-SF)

Feature Add-On

Product Code	Applicable to	Description
BPL-ONE-LC-SF	BPL-ONE/BPL-ONE-CORE	SpeedFusion bonding license
BPL-ONE-LC-5WAN	BPL-ONE/BPL-ONE-CORE	Define LAN 1-3 to WAN 3-5

Features

WAN
USB 4G/3G Modem Support
Support for PPPoE, Static IP, DHCP
Support for Dynamic DNS services
WAN Link Health Check
Intelligent Failover
Bandwidth Allowance Monitor

LAN
DHCP Server for LAN Clients
Extended DHCP Options
DHCP Reservation
DNS Proxy for LAN Clients
Per-Port VLAN

Security
Stateful Firewall
DoS Prevention

AP Controller
AP Controller Support
Wi-Fi Usage Statistics

Complete VPN Solution
PepVPN/SpeedFusion ^
  Site-to-Site VPN
  Bandwidth Aggregation ^
  Hot Failover ^
  256-bit AES Encryption
  Pre-shared Key Authentication
  Dynamic Routing
  L2TP with IPsec VPN Server
PPTP VPN Server
RADIUS, LDAP Authentication
IPsec VPN (Network-to-Network)

Load Balancing
Intelligent Failover
Session Persistence
Per-Service Load Distribution
Multiple Algorithms

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

Advanced QoS
User Groups
  Bandwidth Reservation
  Individual Bandwidth Limit
Application Prioritization
  By User Groups
  SIP, HTTPS, VPN QoS
  Custom Application QoS
Web Blocking Blacklist

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

Device Management
Web Administrative Interface
Command Line Interface
InControl Cloud Management
Email Notification
Active Client & Session Lists
Bandwidth Usage Statistics
Syslog Service
SNMP v1, v2c and v3

Package Content
Balance One/Balance One Core
12V Power Supply

^ SpeedFusion is available as an optional add-on

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