

Peplink Balance One

Advanced Dual-WAN Router for Branch Networking.



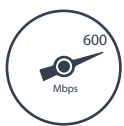
Works With



And 250+ USB Modem from Worldwide Carriers

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



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

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

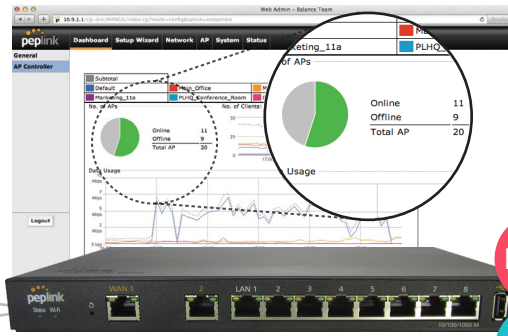
3 Get detailed access point usage reports anytime, right from your Balance One



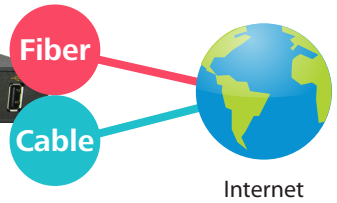
AP One 300M



AP One In-Wall



Balance One Core



Internet

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



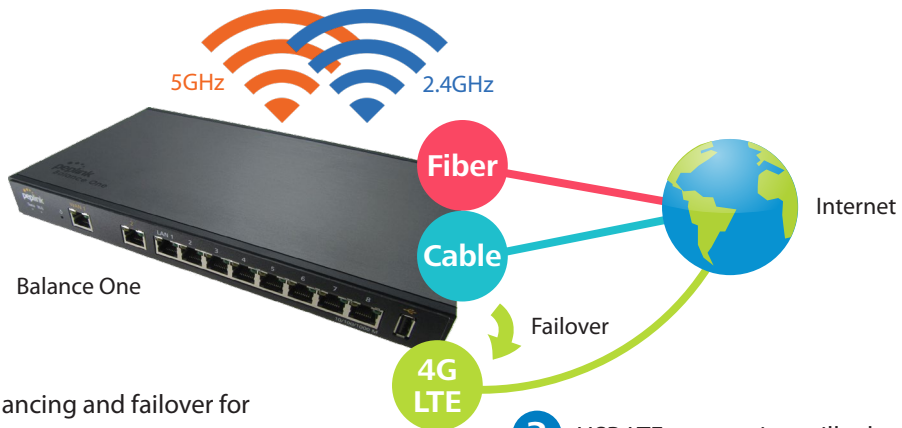
Connect Your Home Office with LTE Backup for 100% Uptime

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



Tablet
Smartphone

Laptop



Balance One

Internet

1 600Mbps capacity for your blazing fast fiber Internet

2 Dual-WAN load balancing and failover for unparalleled uptime

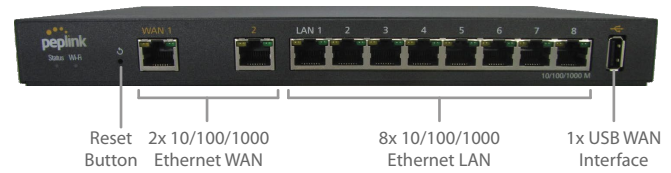
3 USB LTE connection will take place when Ethernet connections are down

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°C
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



#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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