Peplink Balance One
Advanced Dual-WAN Router for Branch Networking.

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.

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.

Unparalled 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

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

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

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

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**Specifications**

**Balance One / Balance One Core**

<table>
<thead>
<tr>
<th>WAN Interface</th>
<th>2x 10/100/1000M Ethernet Ports*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1x USB Interface</td>
</tr>
<tr>
<td>LAN Interface</td>
<td>8x 10/100/1000M Ethernet Ports*</td>
</tr>
<tr>
<td>Wi-Fi Interface</td>
<td>Simultaneous Dual-Band 802.11ac/a/b/g/n Access Point*</td>
</tr>
<tr>
<td>Wi-Fi AP Operating Frequency</td>
<td>2412 – 2472 and 5180 - 5825 MHz*</td>
</tr>
<tr>
<td>Router Throughput</td>
<td>600Mbps/400Mbps^</td>
</tr>
<tr>
<td>Recommended Users</td>
<td>1-60</td>
</tr>
<tr>
<td>Number of VPN/SpeedFusion Peers</td>
<td>2</td>
</tr>
<tr>
<td>PepVPN/SpeedFusion Throughput</td>
<td>30Mbps</td>
</tr>
<tr>
<td>Power Input</td>
<td>Device: 12V – 24V DC</td>
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<tr>
<td></td>
<td>AC Adapter: AC Input 100V – 240V, DC Output 12V</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>15W (max.)</td>
</tr>
<tr>
<td>Dimension</td>
<td>1.2 x 10.7 x 6.3 inches (H x W x D)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.3 pound</td>
</tr>
<tr>
<td>Humidity</td>
<td>15% – 95% (non-condensing)</td>
</tr>
<tr>
<td>Certifications</td>
<td>FCC, CE, RoHS, IC</td>
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<tr>
<td>Warranty</td>
<td>1-Year Limited Warranty</td>
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**Product Ordering Information**

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<thead>
<tr>
<th>Product Code</th>
<th>802.11ac/a/b/g/n AP</th>
<th>Dual-WAN</th>
<th>PepVPN</th>
<th>SpeedFusion/Hot Failover/Bandwidth Bonding</th>
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<tbody>
<tr>
<td>BPL-ONE-CORE</td>
<td></td>
<td></td>
<td></td>
<td>Feature Add-On (BPL-ONE-LC-SF)</td>
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<tr>
<td>BPL-ONE</td>
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<tr>
<th>Feature Add-On</th>
<th>Applicable to</th>
<th>Description</th>
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<tr>
<td>BPL-ONE-LC-SF</td>
<td>BPL-ONE/BPL-ONE-CORE</td>
<td>SpeedFusion bonding license</td>
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<tr>
<td>BPL-ONE-LC-SWAN</td>
<td>BPL-ONE/BPL-ONE-CORE</td>
<td>Define LAN 1-3 to WAN 3-5</td>
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</tbody>
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^SpeedFusion is available as an optional add-on.