

# B a l a n c e   S e r i e s

# PeP link

The PePLink Balance Series is a complete Internet Link Load Balance solution suite that caters to a diverse range of business environments, from Home Offices up to Large Enterprises, and consists of the Balance 200, 300/380 and 700 Models.

## PePLink Balance 200/300



- ▶ Up to 3 Internet Links
- ▶ Home Office to Small Business environments

## PePLink Balance 380



- ▶ Up to 3 Internet Links
- ▶ Small to Medium Business environments

## PePLink Balance 700



- ▶ Up to 7 Internet Links
- ▶ Medium to Large Business environments

## Protect Your Business Continuity

With on-line business communication and transactions being commonplace, reliable high-speed Internet access has become business-critical.

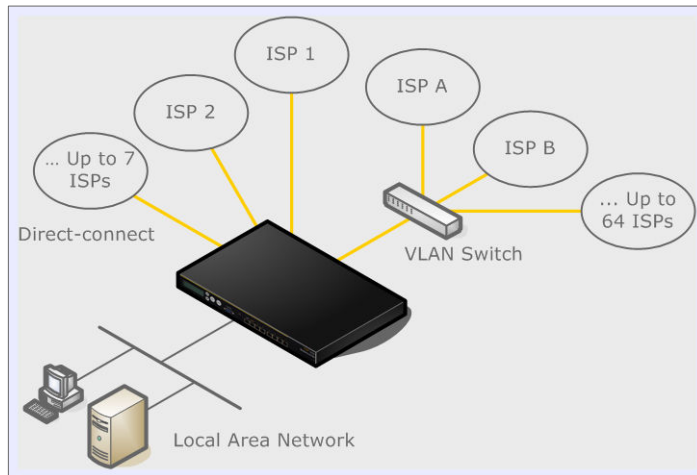
The PePLink Balance series helps protect your business continuity by seamlessly connecting your business to the Internet through multiple independent links, and intelligently managing the links to provide automatic failover and enhanced performance.

Simple deployment and out-of-the-box functionality facilitate a rapid return on investment; compatibility with commonly available and economical types of Internet links, for example Cable and DSL, keeps running costs under control.

[www.peplink.com](http://www.peplink.com)

## Enhance performance. Increase uptime.

### Enterprise-scale Link Aggregation and Outbound Load Balance



*Balance 700 will support (via future software upgrade) up to 64 Internet links through Virtual LAN (VLAN).*

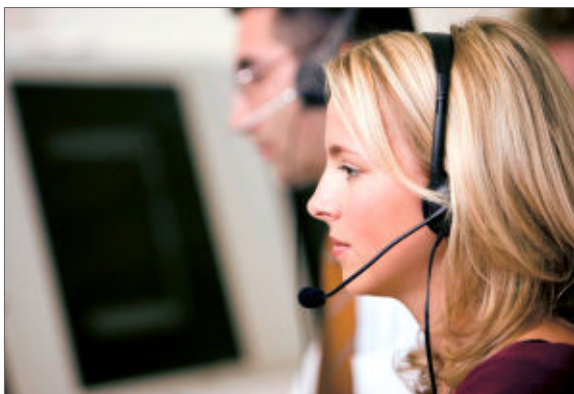
- ▶ With Balance 200, 300/380, and 700, connect up to 2, 3, and 7 Internet links, respectively.
- ▶ Bandwidth combination enhances throughput; multiple Internet links provide redundancy and improve network availability.

### Integrated Authoritative DNS and Inbound Load Balance

- ▶ A built-in authoritative DNS server supports MX, NS, A, CNAME, and TXT records.
- ▶ DNS resolution balances inbound requests among available links.

### Per-service Load Distribution / Weight Control

- ▶ Outbound traffic can be distributed across available Internet links based on configurable proportions.
- ▶ Proportions among various traffic types can be independently configured according to protocol and port number.



*With features aimed at enhancing VoIP, PePLink Balance improves sound quality, and voice calls become clearer.*

## Enjoy the benefits.

### Quality of Service for VoIP, HTTPS, and Streaming Video Applications

- ▶ Consistent throughput of audio, video and other delay-sensitive traffic is ensured through prioritized delivery.

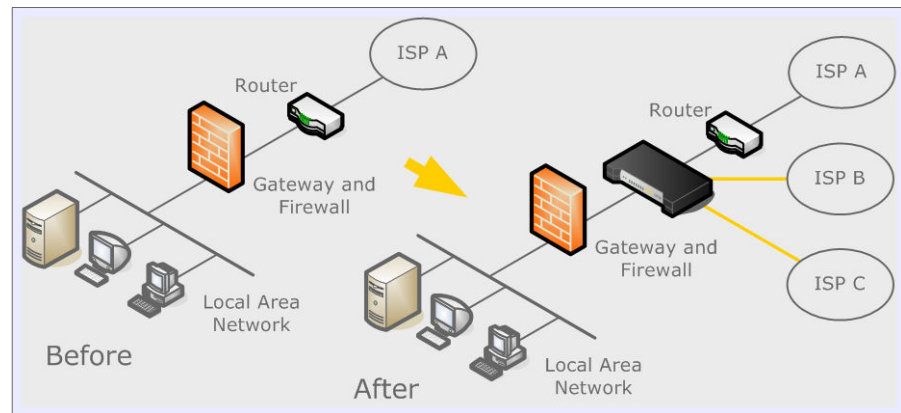
### Out-of-the-box support for SIP-based VoIP applications, such as Vonage®

- ▶ PePLink Balance intelligently detects and transparently manages voice sessions across all of the available Internet links.

## Install with ease. Rest assured.

### Drop-in Mode

- ▶ With Drop-in Mode, the installation of PePLink Balance does not require any changes in network configuration.
- ▶ Installation of PePLink Balance via Drop-in Mode is best suited for customers with an existing router and firewall.



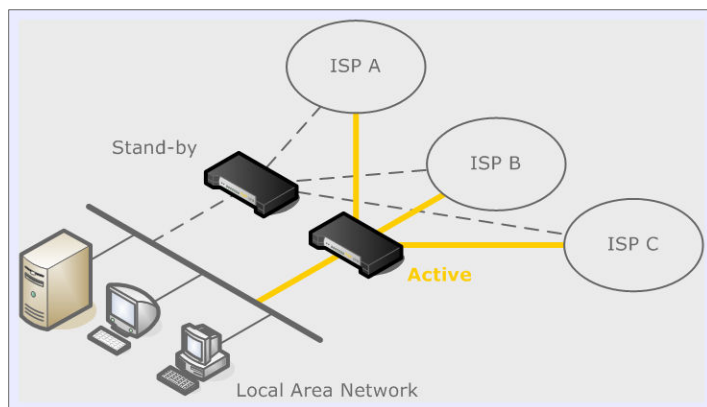
*Drop-in Mode: PePLink Balance is "dropped in" between the router and firewall; additional Internet links are subsequently added.*

### Intelligent Health Checks and Automatic Failover

- ▶ Regular health checks ensure up-to-date link statuses.
- ▶ In case of a link failure, PePLink Balance automatically re-routes traffic to a healthy link to provide continuous Internet service.

### Hardware High Availability (HA)

- ▶ A pair of PePLink Balance units can be deployed in an Active / Hot-standby HA hardware configuration via VRRP, Virtual Router Redundancy Protocol.
- ▶ In case of failure with the Active unit, the Hot-standby unit becomes active, and provides continuous service.



*Dual PePLink Balance units support a High Availability configuration via VRRP.*

## Be in control.

### Session Persistence / Binding

- ▶ PePLink Balance supports Internet services, such as secure web, that require clients to maintain the same IP address throughout a session.

### Advanced Firmware Architecture

- ▶ Dual firmware modules onboard Balance 200 & 300, and 1GB of non-volatile memory onboard Balance 380 & 700 accommodate multiple firmware versions, and provide redundancy to increase firmware upgrade flexibility and reduce risk.

# Balance Series Specifications

## Functionality and Compatibility

<b>LAN</b>	<ul style="list-style-type: none"><li>• Built-in DHCP Server for LAN Clients</li></ul>
<b>WAN</b>	<ul style="list-style-type: none"><li>• DHCP, PPPoE, GRE, and Static IP</li><li>• Inbound and Outbound Link Load Balance</li></ul>
<b>Routing</b>	<ul style="list-style-type: none"><li>• NAT and IP Forwarding</li><li>• Configurable Static Routes</li></ul>
<b>DNS Server</b>	<ul style="list-style-type: none"><li>• Built-in authoritative DNS server with support for MX, NS, A, CNAME, and TXT records</li></ul>
<b>Security</b>	<ul style="list-style-type: none"><li>• Rules-based Stateful Firewall, with IP Address, Protocol, and Port Filtering</li><li>• DMZ (Demilitarized Zone)</li></ul>
<b>Device Management</b>	<ul style="list-style-type: none"><li>• Wizard &amp; Menu Driven Web Management Interface over HTTP / HTTPS</li><li>• Remote Reporting and Management</li><li>• Configuration Upload and Download</li></ul>

## Hardware Specification

<b>LAN Interface</b>	<ul style="list-style-type: none"><li>• Balance 200/300: 4-Port 100Mbps Ethernet Switch</li><li>• Balance 380: 1 Ethernet Port (100Mbps)</li><li>• Balance 700: 1 Gigabit Ethernet Port</li></ul>
<b>WAN Interface</b>	<ul style="list-style-type: none"><li>• Balance 200: 2 Ethernet Ports (100Mbps)</li><li>• Balance 300/380: 3 Ethernet Ports (100Mbps)</li><li>• Balance 700: 7 Ethernet Ports (3 x 1Gbps, 4 x 100Mbps)</li></ul>
<b>Power Input</b>	<ul style="list-style-type: none"><li>• AC Input 100-240V</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• Balance 200 &amp; 300: 3.1W (Max.)</li><li>• Balance 380: 50W (Max.)</li><li>• Balance 700: 70W (Max.)</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• FCC, CE</li></ul>

## Form Factor and Miscellaneous

<b>Dimensions</b>	<ul style="list-style-type: none"><li>• Balance 200 &amp; 300: 243(W) x 159(D) x 32(H) mm / 9.57" x 6.25" x 1.26"</li><li>• Balance 380 1U Rackmount Chassis 426(W) x 230(D) x 43.5(H) mm / 16.8" x 9.1" x 1.72"</li><li>• Balance 700: 1U Rackmount Chassis 426(W) x 379.8(D) x 43.5(H) mm / 16.8" x 14.95" x 1.72"</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• Balance 200 &amp; 300: 550 g / 1.2 lb</li><li>• Balance 380: 3.5 kg / 7.6 lb</li><li>• Balance 700: 5.5 kg / 12.1 lb</li></ul>
<b>Operating Environment</b>	<ul style="list-style-type: none"><li>• Balance 200 &amp; 300: Operating Temperature: 0°C to 50°C / 32°F to 122°F Relative Humidity: 10% to 90% (Non-condensing)</li><li>• Balance 380 &amp; 700: Operating Temperature: 0°C to 40°C / 32°F to 104°F Relative Humidity: 10% to 90% (Non-condensing)</li></ul>
<b>Warranty</b>	<ul style="list-style-type: none"><li>• One-year Limited Warranty</li></ul>

## About PePLink

Through a diverse offering of wireless and wired broadband Internet products and solutions, PePLink connects people, households, and businesses with on-line information, services and entertainment.

PePLink continues to innovate and shape the marketplace from its headquarters in Hong Kong, office in North America, as well as in cooperation with distributors, system integrators, original design manufacturer (ODM) and strategic alliance partners worldwide.

To find out more about how you and your business can benefit from our products and solutions, please visit our website.

[www.peplink.com](http://www.peplink.com)

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Specifications are subject to change without prior notice.