

Balance Series



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 710 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 710



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

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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.

Enhance Performance. Increase Uptime.

Enterprise-scale Link Aggregation and Outbound Load Balance

With Balance 200, 300/380, and 710, connect up to 2, 3, and 7 Internet links, respectively.

Bandwidth combination enhances throughput; multiple Internet links provide redundancy and improve network availability.

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 1+1 Backup (High Availability)

A pair of PePLink Balance units can be deployed in an Active / Hot-standby HA hardware configuration via VRRP, Virtual Router Redundancy Protocol.

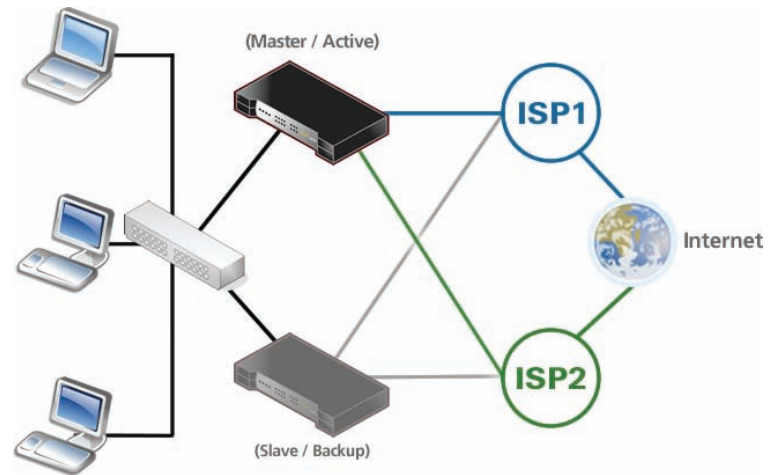
In case of failure with the Active unit, the Hot-standby unit becomes active, and provides continuous service.

Enjoy the Benefits.

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.



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

Per-service Load Distribution / Weight Control

Outbound traffic can be distributed across available Internet links based on configurable proportions.

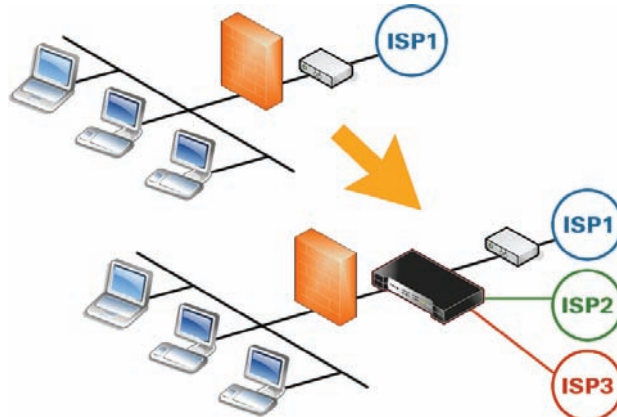
Proportions among various traffic types can be independently configured according to protocol and port number.

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.



A PePLink Balance can be "dropped-in" between a firewall and router; additional Internet links are subsequently added.

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.



PePLink Balance contains VoIP specific features to improve your VoIP sound quality and make clearer voice call

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 & 710 accommodate multiple firmware versions, and provide redundancy to increase firmware upgrade flexibility and reduce risk.

Balance Series Specifications

Functionality and Compatibility

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

Hardware Specification

LAN Interface	<ul style="list-style-type: none">• Balance 200/300: 4-Port 100Mbps Ethernet Switch• Balance 380: 1 Ethernet Port (100Mbps)• Balance 710: 1 Gigabit Ethernet Port
WAN Interface	<ul style="list-style-type: none">• Balance 200: 2 Ethernet Ports (100Mbps)• Balance 300/380: 3 Ethernet Ports (100Mbps)• Balance 710: 7 Ethernet Ports (3 x 1Gbps, 4 x 100Mbps)
Power Input	<ul style="list-style-type: none">• AC Input 100-240V
Power Consumption	<ul style="list-style-type: none">• Balance 200 & 300: 3.1W (Max.)• Balance 380: 50W (Max.)• Balance 710: 70W (Max.)
Certifications	<ul style="list-style-type: none">• FCC, CE

Form Factor and Miscellaneous

Dimensions	<ul style="list-style-type: none">• Balance 200 & 300: 243(W) x 159(D) x 32(H) mm / 9.57" x 6.25" x 1.26"• Balance 380 1U Rackmount Chassis 426(W) x 230(D) x 43.5(H) mm / 16.8" x 9.1" x 1.72"• Balance 710: 1U Rackmount Chassis 426(W) x 379.8(D) x 43.5(H) mm / 16.8" x 14.95" x 1.72"
Weight	<ul style="list-style-type: none">• Balance 200 & 300: 550 g / 1.2 lb• Balance 380: 3.5 kg / 7.6 lb• Balance 710: 5.5 kg / 12.1 lb
Operating Environment	<ul style="list-style-type: none">• Balance 200 & 300: Operating Temperature: 0°C to 50°C / 32°F to 122°F Relative Humidity: 10% to 90% (Non-condensing)• Balance 380 & 710: Operating Temperature: 0°C to 40°C / 32°F to 104°F Relative Humidity: 10% to 90% (Non-condensing)
Warranty	<ul style="list-style-type: none">• One-year Limited Warranty

About PePLink

PePLink is the proven market leader in delivering Internet link load balancing solutions. Headquartered in Hong Kong, PePLink's products have been deployed by service providers, public safety agencies, city governments and enterprise customers around the world. As an innovative creator of technology solutions, PePLink operates globally with offices in North America and Asia in cooperation with distributors, system integrators, ODM (Original Design Manufacturer) partners and strategic alliance partners.

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