

Peplink Balance

Multi-WAN Bonding Router



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Internet and computer network connectivity have become essential to doing business in the 21st century, and organizations of all kinds are always on the lookout for ever faster connections, as well as more reliable, flexible, and cost-effective networking solutions. Internet load balancing, a technology that distributes network traffic over multiple WAN links, delivers the speed and worry-free performance businesses need to connect with customers and compete in the global marketplace. The Peplink Balance's world-leading Internet load balancing and SpeedFusion™ bandwidth bonding solution let you take control of your WAN and improve Internet connectivity, all with one easy-to-manage device.

Major Benefits

Increase Speed, Uptime, and Reliability with Multiple, Bonded WAN Links

The Peplink Balance intelligently distributes network traffic over multiple WAN links, including DSL, cable, 4G, and 3G. Should a connection fail, the Peplink Balance automatically switches to a healthy link in less than a second, seamlessly maintaining Internet connectivity and corporate VPN functionality. Using Peplink's unique SpeedFusion bandwidth bonding technology, you can aggregate the bandwidth of all available WAN links, significantly boosting speed, reliability, and failover performance.

Instantly Reduce Costs up to 90% without Compromising Performance

With the increased reliability made possible by multiple WAN links, you can switch from traditional links, such as MPLS leased lines, to a mix of DSL, cable, 4G, and 3G connections. Corporate networks become much more affordable, yet retain the reliability needed for enterprise networking. Peplink's SpeedFusion bandwidth bonding technology also works with mobile connections, such as 3G, WiMAX, or LTE, enabling mobile/remote site applications without resorting to satellite, microwave, or other slower and less dependable wireless technologies. Thanks to SpeedFusion, live HD video streaming, industrial automation, seamless remote access, and other bandwidth-intensive applications are now possible at a cost that's within reach of almost any business.

Simplify Your Network with Our All-in-One Solution

The Peplink Balance's extensive range of features, such as WLAN Controller, User Group QoS, and Bandwidth Report, lets you manage your WAN, VPN, and wireless network with a single box. Take control of your network with the all-in-one power of Peplink, the ultimate solution for every enterprise network.

Key Features



Internet Load Balancing
Increase Internet Uptime to 100%



SpeedFusion™
Highly Secure VPN, Bandwidth Bonding



Mobile Bandwidth Bonding
Reliable, Fast 4G/3G Network Bonding



Business WLAN
Affordable, Easy-to-use Wi-Fi for Business

Live Demo

Try out the Peplink Balance's Web Admin Demo now!

<http://www.peplink.com/demo/>

Break Internet Bandwidth Limits. Higher Speed. Extreme Reliability.

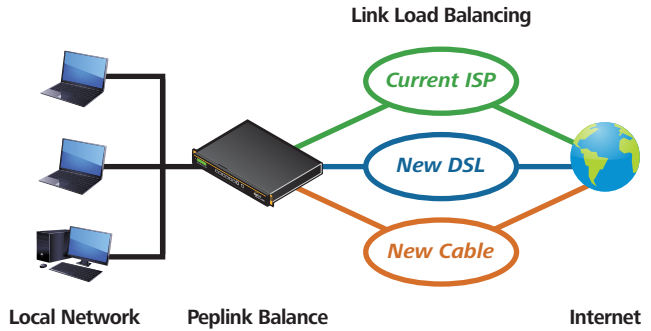
Internet Load Balancing

Boost network data rates, reliability, and flexibility while slashing connectivity costs with Peplink Internet Load Balancing technology. The Peplink Balance can distribute the traffic of up to 13 Internet links and route data using seven intelligent algorithms. It all adds up to high speeds and rock-solid dependability at a savings of up to 90% compared to solutions built on leased lines and other expensive links.

With the Peplink Balance, all your cable, DSL, leased line, cellular, and other links will work together to handle even the most demanding traffic, without lags or downtime. When you need more speed, add more connections.

Prioritize and Balance Traffic by Type or Application

The Peplink Balance incorporates 7 advanced link load balancing algorithms and customizable rules that put you in complete control of network data priorities. Just set your traffic priorities, including VoIP and custom application traffic, with a few clicks and let



Peplink take care of the load balancing and optimization details -- day in, day out.

Count on 100% Uptime with Automatic Failover

Automatic Failover keeps your network up and running by continually checking the health of all connected links and routing traffic around inactive or intermittent connections. You can even customize Automatic Failover's behavior, specifying conditional or dedicated backup links that dynamically respond to network status.



Balance 380



Balance 1350

Replace MPLS with a Bonded VPN. SpeedFusion Shifts VPN Traffic into High Gear.

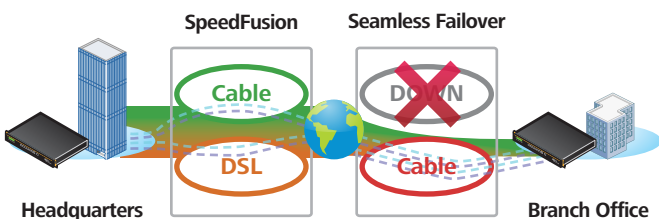
VPN Bandwidth Bonding

Shift WAN data transfer, video delivery, VPNs, and more into overdrive with Peplink SpeedFusion. Peplink's patent-pending SpeedFusion true bandwidth bonding technology combines the bandwidth of up to 13 cable, DSL, 3G/4G/LTE, and other links to drive high-speed, high-reliability, and high-security networking -- all at a lower cost, with fewer maintenance headaches. Whether you're transferring a single file or sharing dozens of documents, video feeds, and VoIP conversations, SpeedFusion teams up all your links to make it happen faster and more dependably.

optimization. With SpeedFusion, your network stays up and running smoothly, without micromanagement, even when network traffic's at its heaviest.

Ditch Expensive MPLS.

Looking for an alternative to expensive leased lines? SpeedFusion bonds the bandwidth of up to 13 cable/DSL, 3G/4G/LTE, WiMAX, and other Internet connections from multiple providers, boosting transfer speeds and reliability while saving you money compared to single-line MPLS.



Maximum Performance. Minimum Hassle.

SpeedFusion increases performance across the board with intelligent bonding algorithms, advanced QoS, and video stream



Mobile Bandwidth Bonding. Turbocharge Mobile VPNs.

4G/3G Bandwidth Bonding

SpeedFusion, the technology at the heart of every Balance Multi-WAN and MAX Mobile router, bonds the bandwidth from multiple cellular connections. You get faster and more reliable mobile VPNs in every application. Plus, all your data is secured by military-grade encryption, and data volume is monitored and controlled to keep you under your usage cap and within budget.



Get the Speed You Need on the Road.

SpeedFusion Bandwidth Bonding automatically aggregates all connected 3G/4G/LTE/WiMAX links to give you fast data transfers, smooth HD video, and blazing performance wherever you go. Need more speed? Just add cellular connections and let

SpeedFusion take care of the details.

Enjoy Wired Reliability without the Wires.

SpeedFusion bonds cellular connections from multiple providers, continuously monitoring link connectivity and automatically switching to healthy connections in the event of link failure. Your network stays up and running, and you stay open for business.

Do More on the Road with SpeedFusion.

The speed, reliability, and security delivered by SpeedFusion open up a wide range of new mobile VPN applications in demanding, mission-critical fields, such as newscasting and public safety. In addition, transferring large files, such as those generated by digital production, photography, and POS activities, becomes practical and profitable wherever your mobile workforce roams.



MAX



AP One

All-in-One WLAN Solution. Manage hundreds of APs. Built-in Captive Portal.

Business WLAN Solution

Peplink's business WLAN solution combines an enterprise-grade wireless access point and centralized access point management in one easy-to-use and affordable package. Now you can manage wireless LAN networks of up to 500 Pepwave AP One devices using a single Peplink Balance. With Peplink's WLAN solution, all your mobile devices, including iPhones, iPads, and Android devices, get the same reliable Internet connection that you've come to expect from Peplink -- without the wires!

Built-in WLAN Controller

Simplify your network management by controlling your AP One access points using a centralized admin interface built into the Peplink Balance. Just connect an AP One to the network and it will be discovered by the Balance automatically, allowing you manage and set-up your access point instantly!

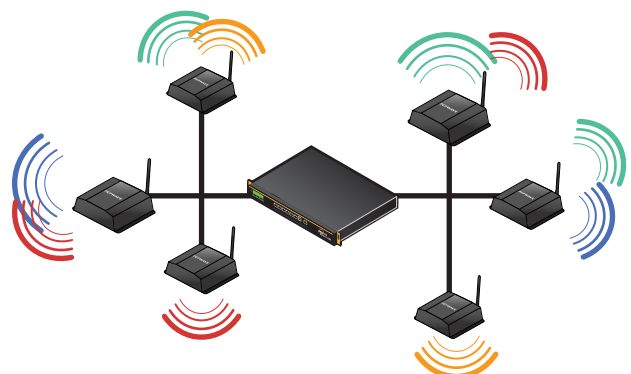
Easy Wi-Fi Portal

Peplink's WLAN solution features a built-in captive portal, which allows you to provide Wi-Fi hotspot service to your customers or Wi-Fi access to your guests in a corporate environment. From showing a splash screen for free users to accept service terms to creating a user login for your paid customers, you can easily customize your Wi-Fi portal in just a few clicks.



Unified Network Management

With our WLAN solution, you can manage all network connections, local client access, and user bandwidth policy using one single package. Administrators can monitor and generate reports on AP activity and bandwidth consumption, giving you complete and easy control over your network.



Specifications



	20	30	210	310	380	580	710	1350
Designed For	Power User	Home Office	Small Business		Mid-Size Business		Large Enterprise	
Ethernet WAN Ports	2	3	2	3	3 (GbE)	5 (GbE)	7 (GbE)	13 (GbE)
USB WAN Modem Port ¹	1	1	1	1	1	1	1	1
Recommended Users ²	1-25	1-25	1-50	1-50	50-500	300-1000	500-2000+	1000-5000+
Router Throughput	100M	100M	100M	100M	200M	400M	800M	1500M
Load Balancing / Failover	●	●	●	●	●	●	●	●
Drop-In Mode	○	○	●	●	●	●	●	●
Inbound Load Balancing	○	○	●	●	●	●	●	●
SpeedFusion Bandwidth Bonding ³	○	○	●	●	●	●	●	●
Number of SpeedFusion Peers	○	○	2	2	20	50	300	800
SpeedFusion Throughput	○	○	30M	30M	60M	80M	160M	350M
PPTP VPN Server	●	●	●	●	●	●	●	●
IPsec VPN (Network-to-Network)	●	●	●	●	●	●	●	●
Built-in WLAN Controller*	○	○	○	○	●	●	●	●
Maximum Number of AP Supported	○	○	○	○	10/50*	10/100*	20/250*	20/500*
Bandwidth Usage Monitor	●	●	●	●	●	●	●	●
QoS for VoIP and E-commerce	●	●	●	●	●	●	●	●
User Groups Bandwidth Control	○	○	○	○	●	●	●	●
Web Blocking	○	○	○	○	●	●	●	●
LAN Ports	4 (GbE)	4 (GbE)	4 (GbE)	4 (GbE)	1 (GbE)	1 (GbE)	1 (GbE)	1 (GbE)
1U Rackmount	○	○	●	●	●	●	●	●
High Availability	○	○	●	●	●	●	●	●
LAN Bypass	○	○	○	○	○	●	●	●

¹ For a list of supported modems, please refer to: <http://www.peplink.com/modem> ² Recommendation for sizing purposes only. No software restrictions applied. ³ Number of peer Peplink or Pepwave devices you can connect using SpeedFusion VPN. * Balance 380 & 580, 710 & 1350 comes with free license to manage ten, twenty Pepwave AP devices respectively. To manage additional AP, an optional WLAN Controller license purchase is required. For the most updated specifications, please refer to our website: <http://www.peplink.com/balance/>

Features

WAN

Support for PPPoE, Static IP, DHCP
WAN Link Health Check
Bandwidth Allowance Monitor
USB 4G / 3G Modem Support
IPv6 Support

LAN

DHCP Server for LAN Clients
Extended DHCP Options
DHCP Reservation
Support for Dynamic DNS Services
DNS Proxy for LAN Clients

Load Balancing

Intelligent Failover
Session Persistence
Per-Service Load Distribution
Multiple Algorithms

Complete VPN Solution

SpeedFusion Bandwidth Bonding
Site-to-Site VPN
Bandwidth Aggregation
Intelligent Failover
256-bit AES Encryption
Pre-shared Key Authentication
Dynamic Routing
PPTP VPN Server
RADIUS, LDAP Authentication
IPsec VPN (Network-to-Network)

Advanced QoS

User Groups
Bandwidth Reservation
Individual Bandwidth Limit
Application Prioritization
By User Groups
SIP, HTTPS, VPN QoS
Custom Application QoS

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

Device Management

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

Security

DoS Prevention
Stateful Firewall

DNS

Built-in Authoritative DNS
Support for A, CNAME, NS, MX,
PTR, SOA, SRV, TXT Records

WLAN Controller

Support for Pepwave AP Series
Customizable Captive Portal
Auto AP Discovery
Auto AP Firmware Management
AP Profile Configuration

Specifications vary across different Balance models. For the most updated specifications, please refer to our website: <http://www.peplink.com/balance/>



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