RISING CONNECTION

peplink | **PEPWAVE**

Advanced Dual-WAN Router for Branch Networking

Balance One Core

Compatible With:

verizon✓ Sprint at&t T··Mobile·
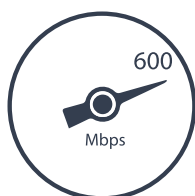OPTUS vodafone T 2° Spark^{nz}
And worldwide 4G LTE/3G carriers

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:

RISING CONNECTION

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 InControl2.

Built in AP Controller or InControl2 cloud management puts you in charge of all connected access points, create and manage custom captive portals.
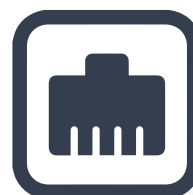
Enterprise Features

Remote User VPN

QoS: Assign Priority

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.
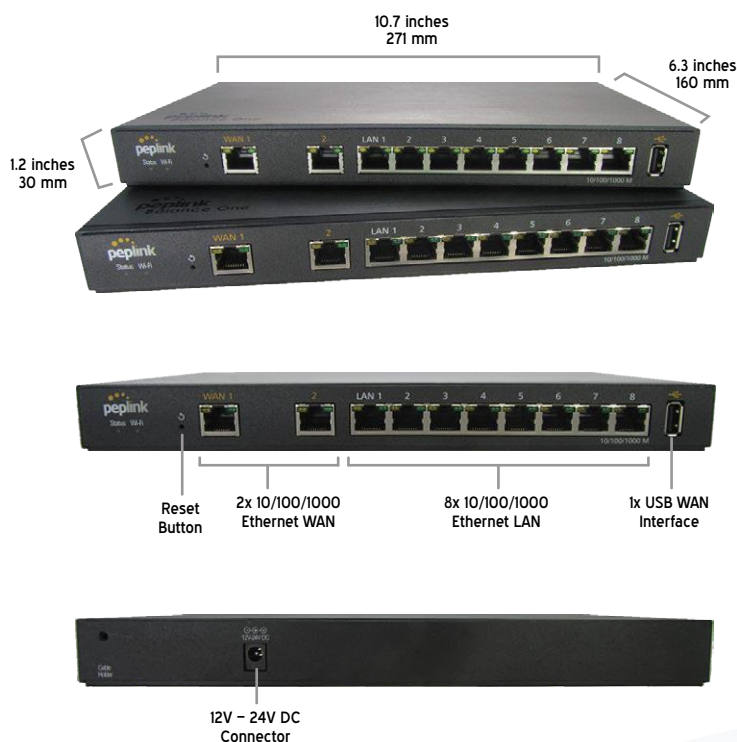
Unparalleled Modem Support

The Balance One's USB port supports more than 250 4G LTE/3G modems used by a variety of carriers worldwide.

SPECIFICATIONS

- **WAN Interface:** 2x 10/100/1000M Ethernet Ports#, 1x USB Interface
- **LAN Interface:** 8x 10/100/1000M Ethernet Ports#
- **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 12VC
- **Power Consumption:** 15W (max.)
- **Dimensions (H x W x D):** 30 x 271 x 160 mm
- **Weight:** 570 grams
- **Operating Temperature:** -10° – 45°C
- **Humidity:** 15% – 95% (non-condensing)
- **Certifications:** FCC, CE, RoHS, IC
- **Warranty:** 1-Year Limited Warranty
- **Package Content:** Balance One Core, 12V Power Supply

10.7 inches
271 mm

6.3 inches
160 mm

1.2 inches
30 mm

Reset Button

2x 10/100/1000 Ethernet WAN

8x 10/100/1000 Ethernet LAN

1x USB WAN Interface

12V – 24V DC Connector

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.

ORDERING INFORMATION

Product Code	Product Name	802.11ac/a/b/g/n AP	Dual-WAN	PepVPN	SpeedFusion Hot Failover/ Bandwidth Bonding
BPL-ONE-CORE	Balance One Core	No	Yes	Yes	Upgrade with License Key (BPL-ONE-LC-SF)

ADD-ON FEATURES

Product Code	Description
BPL-ONE-LC-SF	SpeedFusion bandwidth bonding license
BPL-ONE-LC-5WAN	Define LAN 1-3 to WAN 3-5
PVN-LC-05	Enables up to 5 PepVPN connections
PVN-LC-10	Enables up to 10 PepVPN connections
PVN-LC-20	Enables up to 20 PepVPN connections

RISING CONNECTION

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)

^ SpeedFusion is available as an optional add-on

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 Prioritisation
   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 Customisable 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

Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.