



PRODUCT DATASHEET
Balance 2500 EC

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Edge Computing at Its Peak



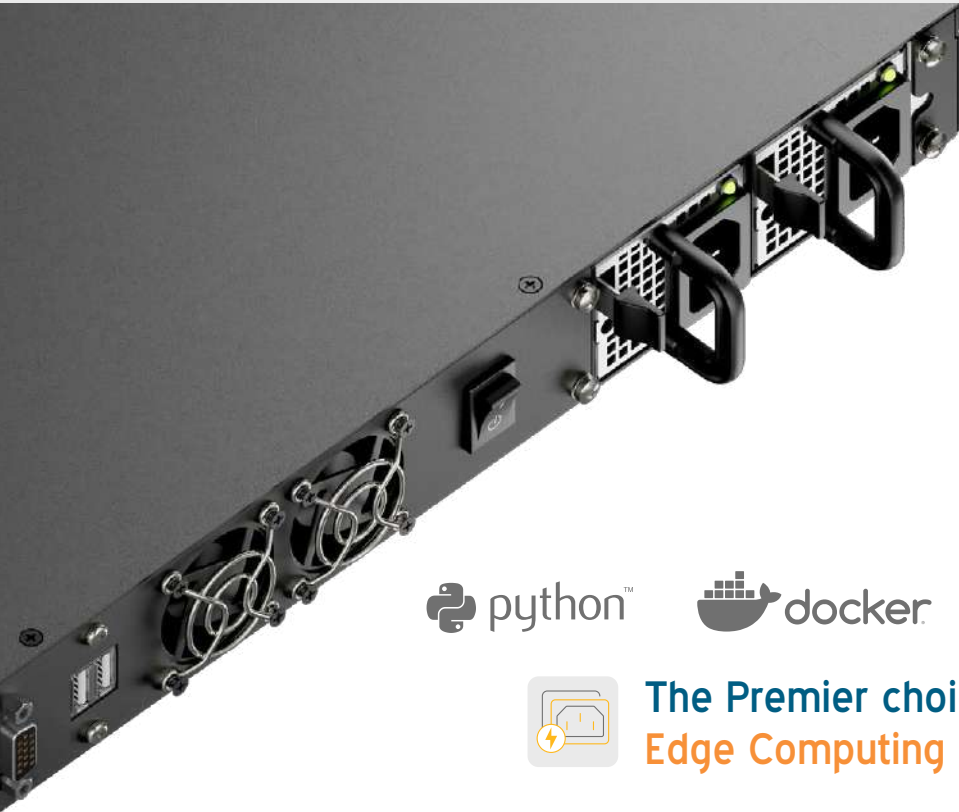
More than Triple the Speed

Bring 30 Gbps throughput to your network and provide a smooth stutter-free experience to your users.



A High Performing Powerhouse

The Balance 2500 EC is made to easily support over 10000 concurrent users. Provide connection to an entire region with a single device.



Dual Power Supplies

The device supports two hot swappable power supplies, which means you can connect a backup power source to keep your network running in the case of a power failure



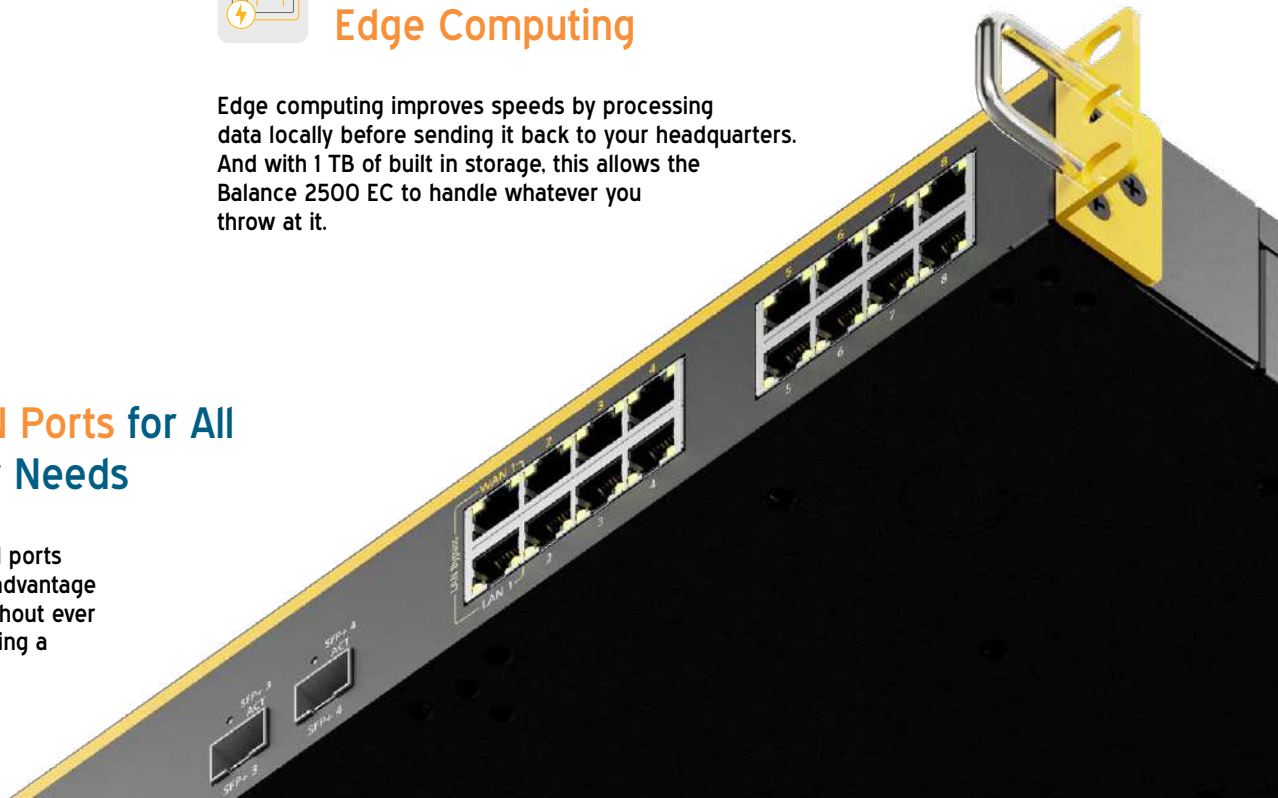
The Premier choice for Edge Computing

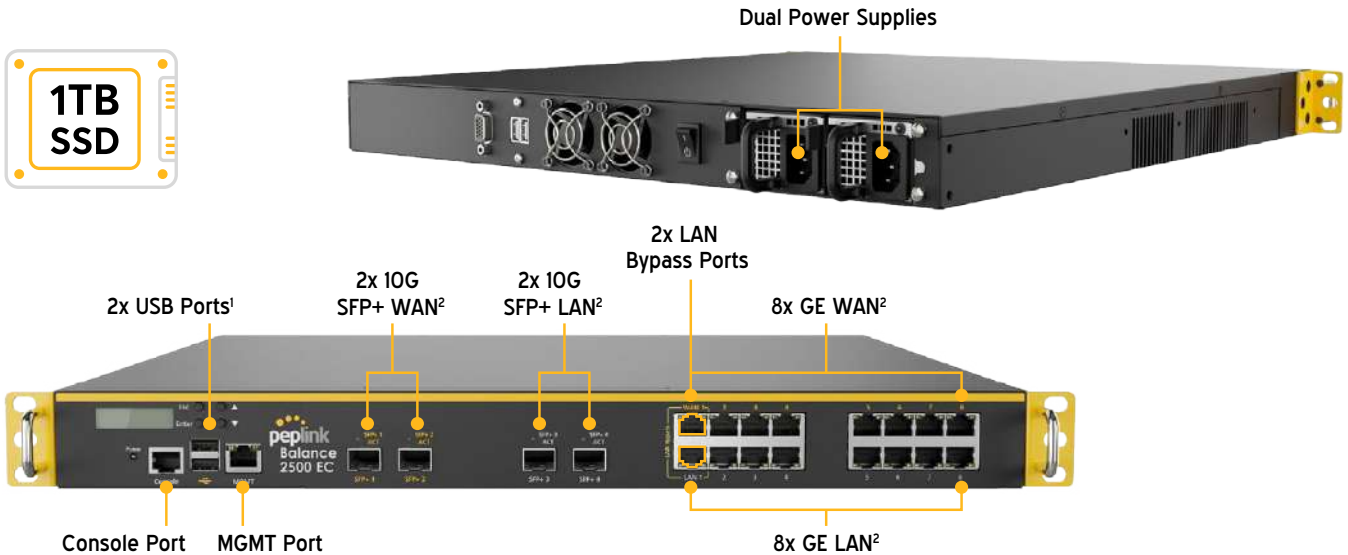
Edge computing improves speeds by processing data locally before sending it back to your headquarters. And with 1 TB of built in storage, this allows the Balance 2500 EC to handle whatever you throw at it.



WAN Ports for All Your Needs

With up to 20 WAN ports available, take full advantage of SpeedFusion without ever worrying about hitting a bandwidth cap.





SPECIFICATIONS

- **WAN Interface:** Up to 16 (GE)², Up to 4x 10G SFP+², 1x USB Interface
- **LAN Interface:** Up to 16 (GE)², Up to 4x 10G SFP+²
- **Router Throughput:** 30 Gbps
- **SpeedFusion VPN Throughput:** No Encryption - 4 Gbps, 256-bit AES - 4 Gbps
- **Recommended Users:** 10000 - 20000+
- **Number of SpeedFusion VPN Peers:** 4000
- **Maximum Number of AP Supported:** 1500
- **SpeedFusion Features:** Hot Failover, WAN Smoothing, Bandwidth Bonding
- **Central Management:** InControl
- **Drop-In Mode:** Yes
- **High Availability:** Yes
- **Content Filtering:** Full
- **Pepwave AP Series Management:** Yes
- **Remote AP & Multiple Config Profiles Management:** Yes
- **LAN Bypass:** Yes
- **Remote User Access:** Yes
- **LACP (802.3ad) NIC Bonding:** Yes
- **Dual Hot Swap Power Supply:** Yes
- **1U Rack-mount:** Yes
- **Power Input:** AC Input 100V - 240V
- **Power Consumption:** 65W (nominal), 150W (max.)
- **Dimensions:** 438 x 470 x 44 mm
- **Weight:** 8.7 kg
- **Operating Temperature:** 0°– 40° C
- **Humidity:** 10% to 90% (non-condensing)
- **Certifications:** FCC, CE, RoHS
- **Warranty:** 1-Year Limited Warranty
- **Package Content:** 1x Balance 2500 EC, 2x Power Cords, 2x Rack Unit Rails, 1 Pair of Mounting Brackets

1. 1 Only one USB WAN port can be used at a time.

2. 2 SFP+ 1&2 and WAN 1-8 are configured as WAN ports ; SFP+ 3&4 and LAN1-8 are configured as LAN ports by default, configuration is changeable on the Web Admin.

The power switch, VGA port & USB ports at the back of the device are disabled.



ORDERING INFORMATION

Product Code	Description
BPL-2500-EC	Balance 2500 EC, 1TB SSD

FEATURE ADD-ON

Product Code	Description
SVL-730	EssentialCare (1-Year) for Balance 2500 EC
SVL-612	EssentialCare (2-Year) for Balance 2500 EC
PSC-190	SmartCare (1-Year) for Balance 2500 EC
PSC-390	SmartCare (3-Year) for Balance 2500 EC