

# Balance 310

Affordable. Fanless. Fast.



### Dual-WAN, Reliable Routing Performance



Equipped with dual 2.5G Ethernet WAN ports, the router supports high-speed internet services and provides the headroom to deliver 4Gbps of routing performance, offering reliable performance at an accessible price point.

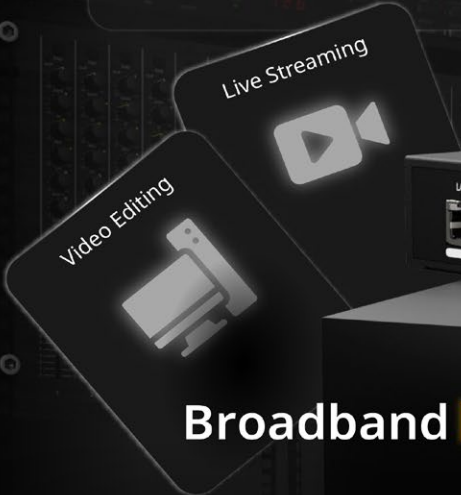


### Gigabit SpeedFusion Throughput

Elevated SpeedFusion throughput guarantees superior bonding performance, unlocking the bandwidth needed for high-demand applications.



Antenna MAX



**Broadband**

**5G**

**SPEEDFUSION**

5G

Broadband + 5G

Broadband

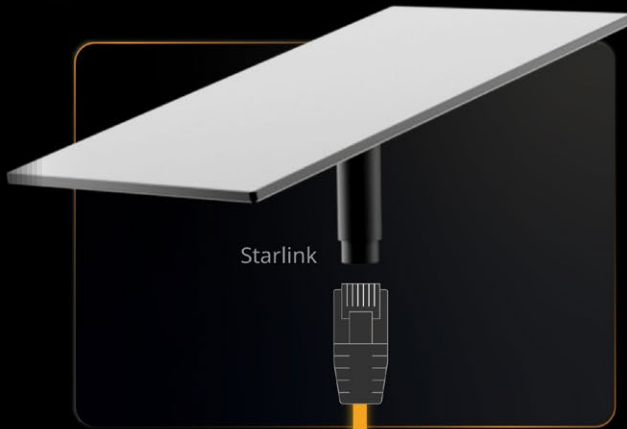


Bonded Bandwidth

## Fast, Flexible Networks with 5G and Starlink



The Balance 310 can easily power and connect a 5G Dome or Antenna MAX via its built-in PoE+ WAN port, while adding Starlink as a high-speed WAN connection. By combining both, it creates a reliable, flexible business network that's quick to deploy and easy to manage.



Add **Starlink** as a high-speed WAN connection



Add **5G** through Peplink HD1 Dome Pro



### Optimised for AV

10G LAN ports enable real-time transfers of large project files, RAW assets, and high-definition audio and video streams between NAS devices and workstations, ensuring a stutter-free experience for professional media teams.



### Performance-Ready for IT

High-speed ports deliver fast, stable transfers between servers, virtual machines, and enterprise workloads, ensuring smooth and responsive IT operations.

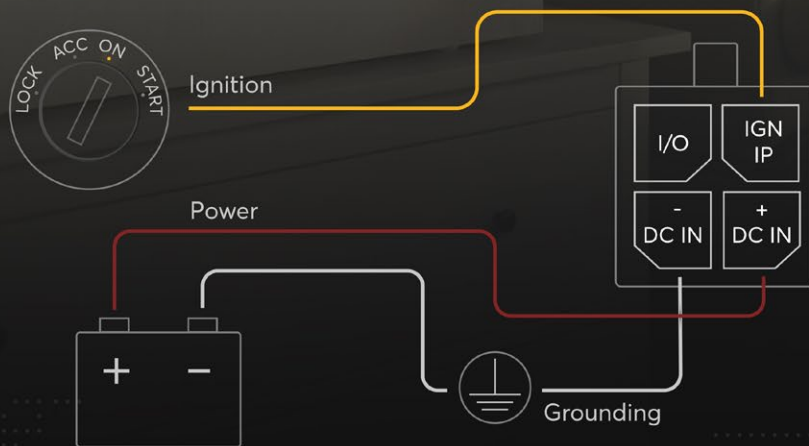


### High Performance in Flexible Environments



Fanless design ensures quiet, durable operation. Combined with ignition sensing, it supports high-performance deployment in versatile environments, including vehicles such as RVs.

### Wiring Diagram

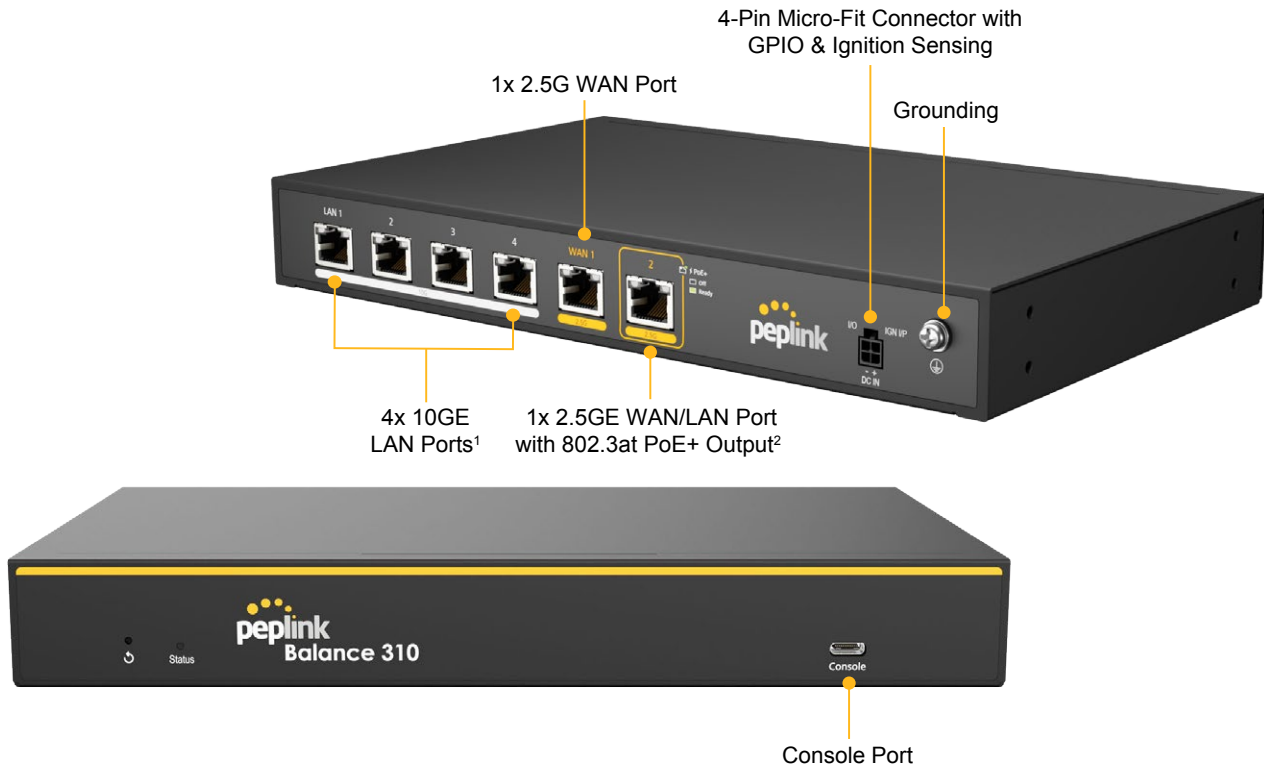




## SPECIFICATIONS

- **WAN Interface**  
2 x 2.5G Multi-Gig Ethernet <sup>1 2</sup>
- **LAN Interface**  
4 x 10G Multi-Gig Ethernet <sup>1</sup>
- **Router Throughput**  
4Gbps
- **SpeedFusion VPN Throughput**  
No Encryption - 1 Gbps  
256-bit AES - 1 Gbps
- **Recommended Users**  
50 - 500
- **SpeedFusion VPN Peers**  
2 / 10 / 20 / 50 <sup>3</sup>
- **Maximum Number of Controlled AP / Switch**  
30 / 50 <sup>4</sup>
- **SpeedFusion Features**  
Hot Failover, Smoothing, Bandwidth Bonding
- **Central Management**  
InControl 2
- **Drop-In Mode**  
Yes
- **High Availability**  
Yes
- **Web Content Filtering**  
Full
- **AP & Switch Controller**  
Yes
- **Edge Computing**  
Docker (8GB Internal Storage)
- **Remote User Access**  
Yes
- **Power Input**  
AC Adapter: AC Input 100V - 240V / DC Output 54V  
4-Pin Micro-Fit Connector: 12V - 56V DC
- **Power Output**  
1x 802.3at PoE+ <sup>5</sup>
- **Power Consumption**  
32W (nominal)  
39W (max. without PoE output)
- **Total PoE Power Budget**  
30W
- **Dimensions**  
10.2 x 6.3 x 1.34 inches / 260 x 160 x 34 mm
- **Weight**  
2.89 pounds / 1.31 kg
- **Operating Temperature**  
32°– 104° F / 0°– 40° C
- **Humidity**  
10% to 95% (non-condensing)
- **Certifications**  
FCC, CE, RoHS
- **Warranty**  
1-Year Limited Warranty
- **Package Content**  
1x Balance 310  
1x 54V 1.2A Power Supply  
4x Rubber Feet

1. 10G is backward compatible with FE / GE / 2.5G / 5G ; 2.5G is backward compatible with GE and FE.  
2. Ethernet WAN 2 is a configurable WAN/LAN port. WAN/LAN Configuration is changeable on the Web Admin.  
3. Supports 2 peers by default. Capacity increases to 10 peers with an PrimeCare. Expansion to 20 or 50 peers is available via optional software licenses (PVN-LC-20 and PVN-LC-50).  
4. Available as a licence add-on (AP-LC-50).  
5. A DC input voltage of 50V – 56V is required to enable PoE output.



## Ordering Information

Product Code	Description
BPL-310-PRM	Balance 310

## Featured Add-on

Product Code	Description
PRM-C-1Y / PCP-C-1Y	PrimeCare C / PrimeCare+ C (1-Year)
PRM-C-2Y / PCP-C-2Y	PrimeCare C / PrimeCare+ C (2-Year)
PRM-C-4Y / PCP-C-4Y	PrimeCare C / PrimeCare+ C (4-Year)
ACW-634	10ft / 3m DC Power Cable
ACW-791	Peplink 4-Pin Micro-Fit to USB-C Power Cable
ACW-992	Rack Mount Kit for Balance 310

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