



# | Balance 310 |

Affordable. Fanless. Fast.

**TAA**   
COMPLIANT

## Dual-WAN, Reliable Routing Performance

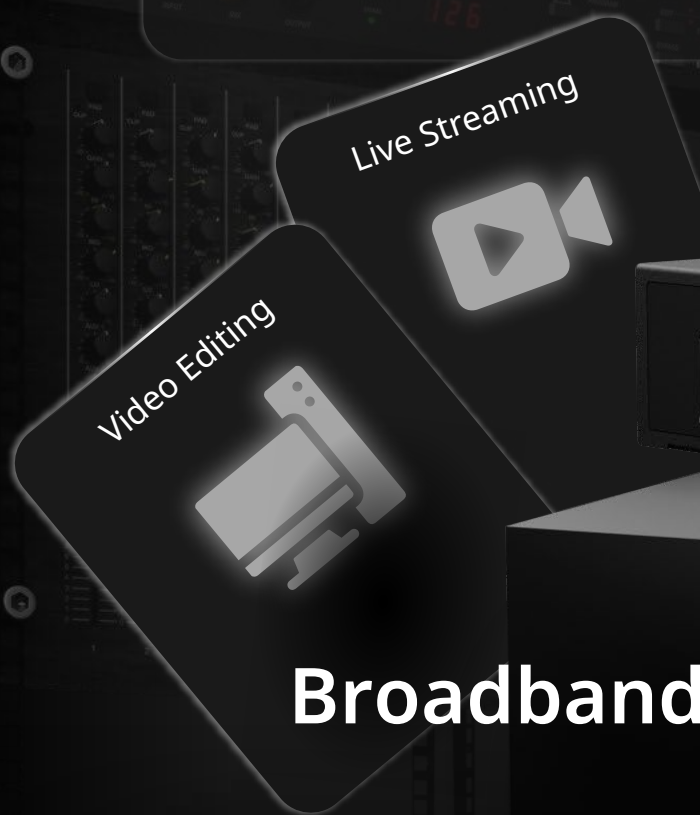
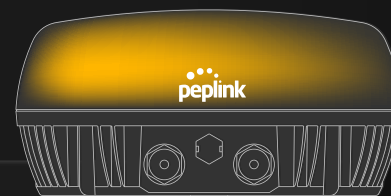
Equipped with dual 2.5G Ethernet WAN ports, the router supports high-speed internet services and provides the headroom to deliver 4Gbps of routing performance, offering reliable performance at an accessible price point.



## Gigabit SpeedFusion Throughput

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

Antenna MAX



Broadband |

| 5G

| SPEEDFUSION |

5G

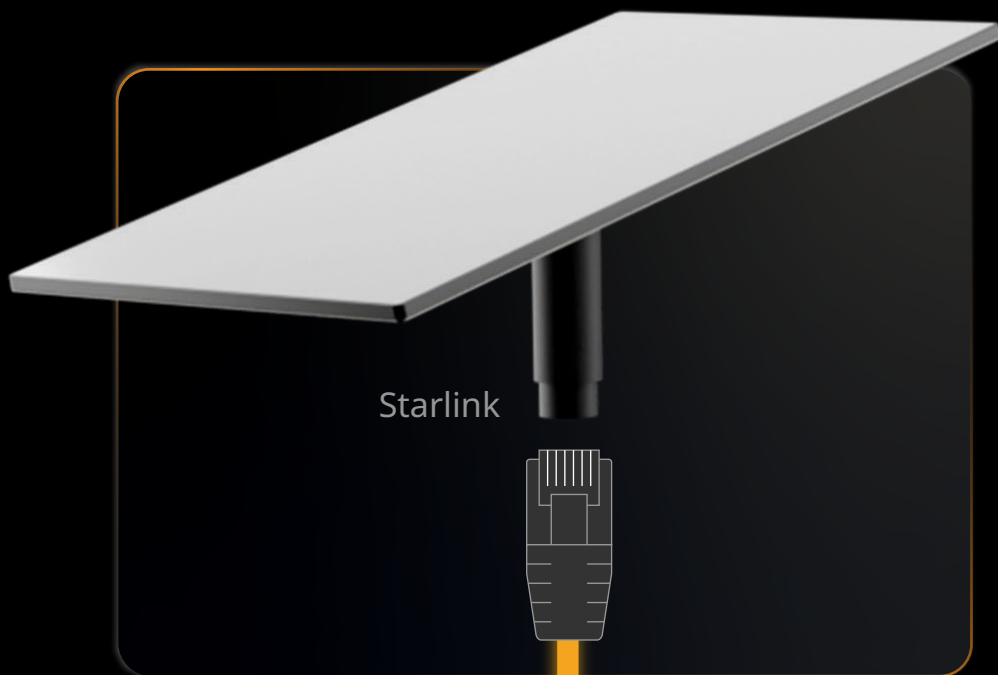
Broadband + 5G



# 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.



Starlink



5G Cellular Router

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

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



## Optimized 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.

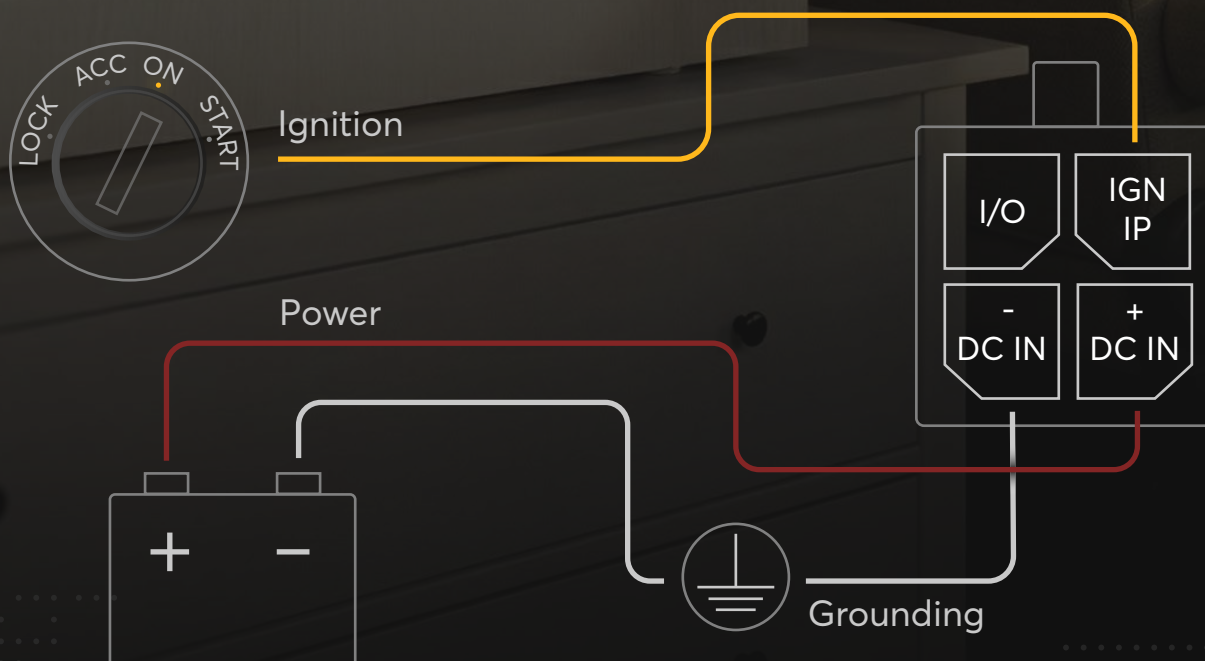


## High Performance in Flexible Environments

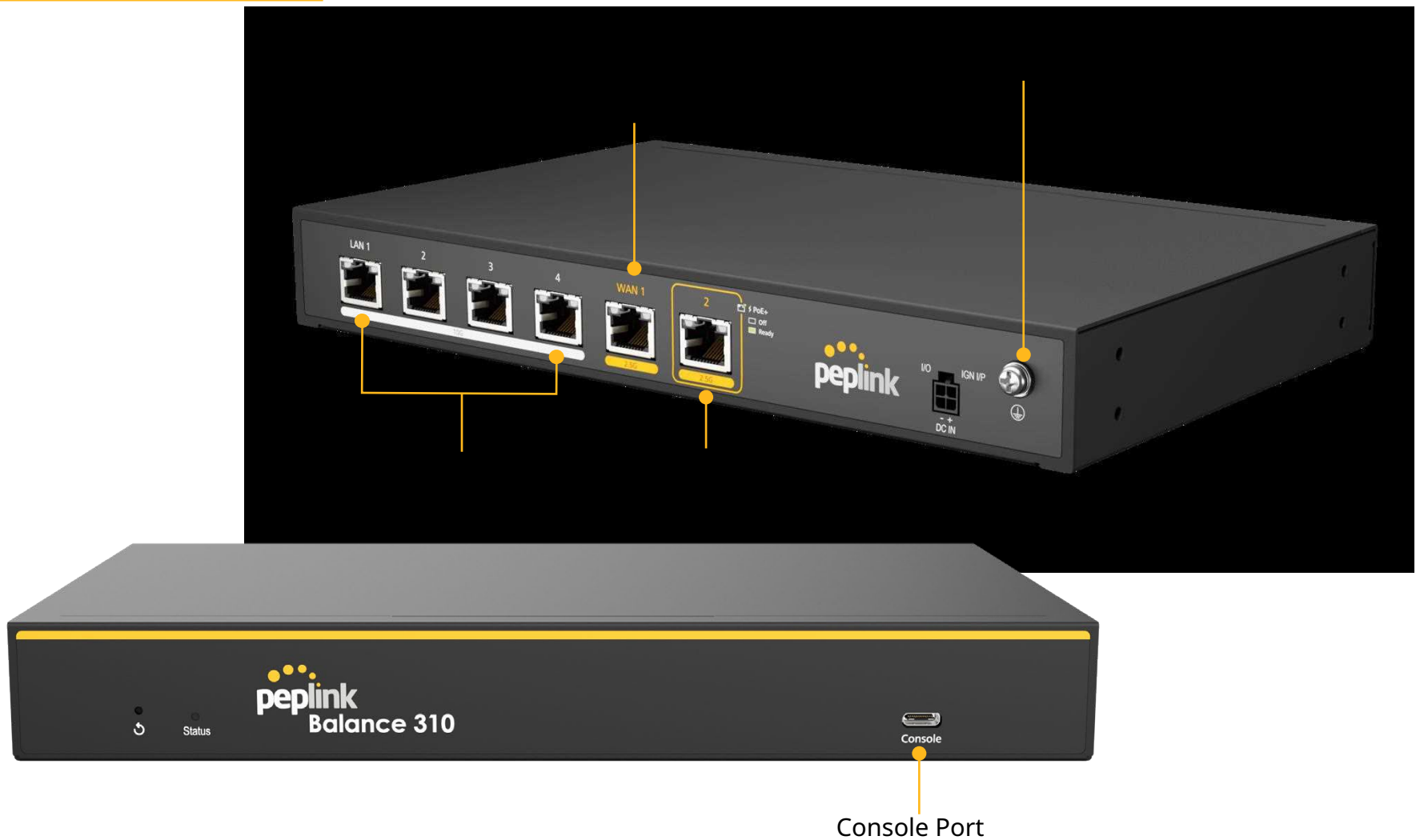
Fanless design ensures quiet, durable operation. Combined with ignition sensing, it supports high-performance deployment in versatile environments, including vehicles such as RVs.



### Wiring Diagram



# Balance 310



## Specifications

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

<sup>1</sup> 10G is backward compatible with FE / GE / 2.5G / 5G ; 2.5G is backward compatible with GE and FE.

<sup>2</sup> Ethernet WAN 2 is a configurable WAN/LAN port. WAN/LAN Configuration is changeable on the Web Admin.

<sup>3</sup> 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).

<sup>4</sup> Available as a licence add-on (AP-LC-50).

<sup>5</sup> A DC input voltage of 50V - 56V is required to enable PoE output.  
Specifications are subject to change without notice.

## Ordering Information

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Product Code	Description
BPL-310-PRM	Balance 310

## Featured Add-on

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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