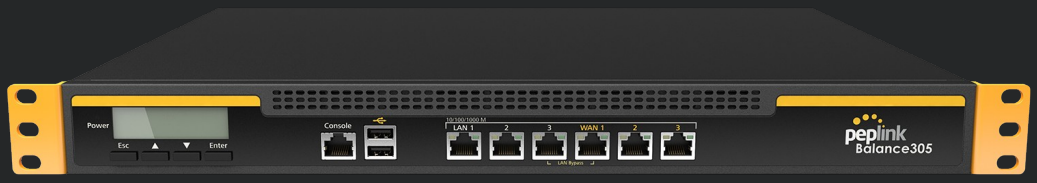
Tech Specs | Balance Series

Balance 305



Quick Look

Cellular	Ethernet WAN	Ethernet LAN	Stateful Firewall Throughput	SpeedFusion VPN Throughput (No Encryption)	SpeedFusion VPN Throughput (256-bit AES)
No	3 (GE)	3 (GE)	1Gbps	150Mbps	150Mbps

Interfaces

SFP LAN/WAN	No
Wi-Fi AP	No
USB	1

Performance

Recommended Users	50-500
Number of SpeedFusion VPN Peers	2/30 [1]
Maximum Number of AP Supported	50

Performance

SpeedFusion Hot Failover	Yes	**High Availability**	Yes
SpeedFusion WAN Smoothing	Yes	**Content Filtering (Lite/Full)**	Full
SpeedFusion Bandwidth Bonding	Yes	**Pepwave AP Series Management**	Yes
Remote SIM (used in SIM Injector)	No	**Remote AP & Multiple Config Profiles Management**	Yes
Central Management	InControl 2	**LAN Bypass**	Yes
Drop In Mode	Yes	**Remote User Access**	Yes

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Core Funtionality

802.1q VLANs Supported	1024
Port-Based VLAN	Yes
Load Balancing & Failover	Yes
Load Balancing Algorithms	8
Inbound Load Balancing	Yes
InControl Cloud Management	Yes

IPsec/L2TP/PPTP VPN Functionality

SpeedFusion VPN	Yes
IPsec VPN (Network-to-Network)	Yes
Number of IPsec Tunnels	20
L2TP VPN Server	Yes
OpenVPN Server	Yes
PPTP VPN Server	Yes
Maximum PPTP/L2TP/ OpenVPN Users	50
GRE (Network-to-Network)	5

Advanced QoS Functionality

Bandwidth Usage Monitor	Yes
QoS for VoIP and E-Commerce	Yes
User Groups Bandwidth Control	Yes
Web Blocking	Yes

Hardware

LACP (802.3ad) NIC Bonding	Yes
PoE+ Output	No
Rack-mount	Yes (1U)
Dual Hot Swap Power Supply	No
Power Consumption	50W
Operating Temperature	32° – 104°F 0° – 40°C

Certifications

FCC, CE, RoHS	Yes
Warranty	1-Year Limited Warranty

[!] SpeedFusion VPN Peers license, it can change the maximum number of SpeedFusion VPN peer. Balance 305,BPL-305-SPF. Up to 30 SpeedFusion VPN peers.

[1] For a list of supported modems, please refer to https://www.peplink.com/technology/4g3g-modem-support/.
[2] Recommendation for sizing purposes only. No software restrictions applied.
[3] Router Throughput and SpeedFusion VPN Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
[4] The number of peer Peplink or Pepwave devices you can connect using SpeedFusion VPN.
[5] IPsec only supports connection with Cisco, Juniper, Peplink or Pepwave devices.
[6] Balance 20/30 LTE/One/210/310 comes with AP Controller Standard, which supports up to two configuration profiles with multiple SSIDs, meaning that all APs will share the same configuration, and you can only manage APs on the local physical LAN. 305/310 5G/310 5G Fiber/380/380X/580/580X/710/1350/2500/SDX/SDX

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