Balance 310

peplink

Quick Look

Number of Ethernet WAN port	**2 (2.5GE)**
Number of Ethernet LAN port	**4 (10GE)**
Router Throughput	**4Gbps [1]**
SpeedFusion VPN Throughput (No Encryption)	**1Gbps [1]**
SpeedFusion VPN Throughput (256-bit AES)	**1Gbps [1]**
Number of Cellular Modem	**No**

[1] Router Throughput and PepVPN/SpeedFusion 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.

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Interfaces

Maximum Ethernet WAN / LAN port configuration	**2 WAN with 4 LAN, 1 WAN with 5 LAN**
SFP LAN / WAN	**No**
Serial Interface	**No**
Wi-Fi AP	**No**
Wi-Fi WAN	**No**
USB WAN	**No**

Module Expansion	**No**

Performance

Maximum Number of Controlled AP / Switch	**30 / 50** [2]	[2] 50 AP is available as a license add-on (AP-LC-50).
Number of Recommended Users	**50–500**	

Wireless details

Cellular Modem Category options	**No**
5G support	**No**
SIM Slots	**No**
SIM Card Size	**No**
Wi-Fi Radio	**No**
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	**No**
Wi-Fi Antenna Transmit Power (5GHz, single chain)	**No**
Multiple SSIDs	**No**
GPS	**No**
RemoteSIM (used in SIM Injector)	**No**
FusionSIM	**No**
Peplink eSIM Data Plans	**No**
BYO eSIM	**No**

Features

SpeedFusion Hot Failover	**Yes**

SpeedFusion Smoothing	**Yes**
SpeedFusion Bandwidth Bonding	**Yes**
SpeedFusion Connect	**Yes** [3]
SpeedFusion Relay Mode (Server)	**Yes**
Drop-In Mode	**Yes**
High Availability	**Yes**
Peplink AP Series Management	**Yes**
Remote AP & Multiple Config Profiles Management	**No**
Switch Controller	**Yes**
WAN as LAN	**Yes**
LAN Bypass	**No**
InTouch	**Yes**
Virtual WAN	**Yes** [4]
Synergy Mode (Controller)	**Yes**
Synergized Device	**Yes**
Application and Web Blocking	**Yes**
Web Content Filtering	**Full**
IP Passthrough	**Yes**
IPv6	**Yes**
x.509 Certificate	**Yes**
Captive Portal	**Yes**

[3] PrimeCare subscription includes 1TB/year complimentary SpeedFusion Connect Usage data.

[4] 1 Virtual WAN complimentary with active PrimeCare. Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.

GPIO	**Yes**
Ignition Sensing	**Yes**
Netflow Support	**Yes**
LACP (802.3ad) NIC Bonding	**No**
Jumbo Frame Support	**No**
Internal Storage for Edge Computing	**Yes (8GB)** [5]
External Storage via USB Port	**No**
Dead Reckoning	**No**

[5] Support Application, Docker.

Core Functionality

Inter-VLAN Routing	**Yes**
802.1q VLANs Supported	**128**
Port-Based VLAN	**Yes**
Load Balancing & Failover	**Yes**
Load Balancing Algorithms	**8**
Inbound Load Balancing	**Yes**
InControl 2 Cloud Management	**Yes**
InControl GPS Fleet Management	**No**

Advanced QoS Functionality

Bandwidth Usage Monitoring	**Yes**
QoS for VoIP and E-Commerce	**Yes**
User Groups Bandwidth Control	**Yes**

VPN Functionality

SpeedFusion VPN	**Yes**	
Number of SpeedFusion VPN Peers	**2 or 10 or 20 or 50** [6]	[6] 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 SFN-LC-50).
IPsec VPN	**Yes**	
Number of IPsec Tunnels	**5**	
L2TP VPN / Open VPN / PPTP VPN Server	**Yes**	
Maximum PPTP / L2TP / OpenVPN Users	**15**	
Remote RADIUS / LDAP authentication in Remote User Access	**Yes**	
Number of OpenVPN Tunnel (Site to Site)	**5**	
Number of GRE Tunnel (Site to Site)	**5**	

Hardware

Enclosure	**Indoor, Metal**	
4pin Molex Micro-Fit Connector	**Yes**	
Terminal Block Power Connector for Mobile / Vehicular Deployment	**No**	
AC Adapter or PSU	**54V 1.2A Power Supply**	
Input voltage	**DC 12–56V**	
PoE Input	**No**	
PoE Output	**Yes** [7]	[7] 1x 802.3at 2.5GE WAN.A DC input voltage of 50V – 56V is required to enable PoE output.

USB Power Input	**No**
Nominal Power Consumption	**32W**
Maximum Power Consumption	**39W** [8]
Dimensions in inches	**10.2 x 6.3 x 1.34 inches**
Dimensions in mm	**260 x 160 x 34 mm**
Weight (Pound)	**2.89 pounds**
Weight (Gram / Kilogram)	**1.31 kg**
Operating Temperature	**32°–104 °F,** **0°–40°C**
Humidity	**10%–95% non-condensing**
Rack-mount	**No**
Dual Hot Swap Power Supply	**No**

[8] Maximum without PoE output

Warranty Info

Warranty	**1-Year Limited Warranty**