



## Quick Look

Number of Ethernet WAN port	<b>2 (GE)</b>	
Number of Ethernet LAN port	<b>7 (GE)</b>	
Router Throughput	<b>2.5Gbps <sup>[1]</sup></b>	[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.
SpeedFusion VPN Throughput (No Encryption)	<b>600Mbps <sup>[1]</sup></b>	[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.
SpeedFusion VPN Throughput (256-bit AES)	<b>500Mbps <sup>[1]</sup></b>	[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.
Number of Cellular Modem	<b>4</b>	

## Interfaces

Maximum Ethernet WAN / LAN port configuration	<b>2 WAN with 7 LAN</b>
SFP LAN / WAN	<b>No</b>
Serial Interface	<b>No</b>
Wi-Fi AP	<b>Yes</b>
Wi-Fi WAN	<b>Yes</b>
USB WAN	<b>Yes (1x USB)</b>

Module Expansion **No**

## Performance

Number of Recommended Users **50-500**

Maximum Number of Controlled AP / Switch **30 / 50** <sup>[2]</sup>

<sup>[2]</sup> 50 AP is available as a license add-on (AP-LC-50).

## Wireless details

Cellular Modem Category options **4x CAT-12,  
2x 5G**

5G support **Yes**

SIM Slots **4 + 4 redundant slots**

SIM Card Size **Nano-SIM (4FF)**

Wi-Fi Radio **Dual (2.4GHz + 5GHz),  
2x2 Wi-Fi 5**

Wi-Fi Antenna Transmit Power (2.4GHz, single chain) **24dBm**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **21dBm**

Multiple SSIDs **16**

GPS **Yes**

RemoteSIM (used in SIM Injector) **Yes**

FusionSIM **Yes**

Peplink eSIM Data Plans **Yes** <sup>[3]</sup>

<sup>[3]</sup> Require Firmware 8.3.0 or above.

BYO eSIM **Yes** <sup>[4]</sup>

<sup>[4]</sup> Require Firmware 8.4.0 or above.

## Features

SpeedFusion Hot Failover	Yes	
SpeedFusion Smoothing	Yes	
SpeedFusion Bandwidth Bonding	Yes	
SpeedFusion Connect	Yes <sup>[5]</sup>	[5] CarePlan subscription includes 2.5TB/year complimentary SpeedFusion Connect Usage data.
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	No	
LAN Bypass	No	
InTouch	Yes	
Virtual WAN	Yes <sup>[6]</sup>	[6] Up to 3 Virtual WAN if purchasing Virtual WAN Activation Licence.
Synergy Mode (Controller)	Yes	
Synergized Device	Yes	
Application and Web Blocking	Yes	
Web Content Filtering	Lite	
IP Passthrough	Yes <sup>[7]</sup>	[7] Available for Firmware 8.5.0 or above.
IPv6	Yes	
x.509 Certificate	Yes	

Captive Portal	<b>Yes</b>	
GPIO	<b>No</b>	
Ignition Sensing	<b>No</b>	
Netflow Support	<b>Yes</b>	
LACP (802.3ad) NIC Bonding	<b>Yes</b> <sup>[8]</sup>	[8] Require Firmware 8.4.1 or above.
Jumbo Frame Support	<b>Yes</b>	
Internal Storage for Edge Computing	<b>Optional</b> <sup>[9]</sup>	[9] Please contact Peplink Business Development team for details.
External Storage via USB Port	<b>Yes</b> <sup>[10]</sup>	[10] Support Docker.
Dead Reckoning	<b>Yes</b>	

## Core Functionality

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

## Advanced QoS Functionality

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Bandwidth Usage Monitoring	<b>Yes</b>
QoS for VoIP and E-Commerce	<b>Yes</b>

User Groups Bandwidth Control **Yes**

## VPN Functionality

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SpeedFusion VPN **Yes**

Number of SpeedFusion VPN Peers **3 or 20** <sup>[11]</sup>

[11] Require license to increase maximum number of PepVPN/SpeedFusion Peers. Several option are available based on the model 5, 10 or 20 peers (PVN-LC-05, PVN-LC-10, PVN-LC-20).

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

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Enclosure **Pelican case**

4pin Molex Micro-Fit Connector **No**

Terminal Block Power Connector for Mobile / Vehicular Deployment **No**

AC Adapter or PSU **No**

Input voltage **DC 12–56V,  
AC 100–240V**

PoE Input **No**

PoE Output	<b>Up to 7x 802.3at PoE+</b>
USB Power Input	<b>No</b>
Nominal Power Consumption	<b>NA</b>
Maximum Power Consumption	<b>38W (w/o PoE)</b>
Dimensions in inches	<b>19.78 x 15.77 x 7.41 inch</b>
Dimensions in mm	<b>502 x 401 x 188 mm</b>
Weight (Pound)	<b>34.53 pounds</b>
Weight (Gram / Kilogram)	<b>15.68 kg</b>
Operating Temperature	<b>-40°–113°F, -40°–45°C</b>
Humidity	<b>15%–95% (non-condensing)</b>
Rack-mount	<b>No</b>
Dual Hot Swap Power Supply	<b>No</b>

## Warranty Info

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Warranty	<b>1-Year Limited Warranty</b>
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