



### Quick Look

Number of Ethernet WAN port	2 (GE)
Number of Ethernet LAN port	4 (GE)
Router Throughput	2.5Gbps
SpeedFusion VPN Throughput (No Encryption)	600Mbps
SpeedFusion VPN Throughput (256-bit AES)	500Mbps
Number of Cellular Modem	2

### Interfaces

Maximum Ethernet WAN / LAN port configuration	2 WAN with 4 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	Yes
USB WAN	Yes (2x USB)
Module Expansion	No

## Performance

Number of Recommended Users **50-500**

Maximum Number of AP Supported **30 / 50** <sup>[1]</sup>

[1] 50 AP is available as a license add-on (AP-LC-50).

## Wireless details

Cellular Modem Category options **2x 5G**

5G support **Yes**

SIM Slots **4**

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>[2]</sup>

[2] Require Firmware 8.3.0 or above.

BYO eSIM **Yes** <sup>[3]</sup>

[3] Require Firmware 8.4.0 or above.

## Features

SpeedFusion Hot Failover **Yes**

SpeedFusion Smoothing **Yes**

SpeedFusion Bandwidth Bonding **Yes**SpeedFusion Connect **Yes** <sup>[4]</sup><sup>[4]</sup> 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**WAN as LAN **No**LAN Bypass **No**InTouch **Yes**Virtual WAN **Yes** <sup>[5]</sup><sup>[5]</sup> Up to 40 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>[6]</sup><sup>[6]</sup> Available for Firmware 8.5.0 or above.IPv6 **Yes**x.509 Certificate **Yes**Captive Portal **Yes**GPIO **Yes**Ignition Sensing **Yes**

Netflow support	Yes
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LACP (802.3ad) NIC Bonding	Yes <sup>[7]</sup>
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[7] Require Firmware 8.4.1 or above.

Internal Storage for Edge Computing	No
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External Storage via USB Port	Yes <sup>[8]</sup>
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[8] Support Docker.

Dead Reckoning	Yes
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## Core Functionality

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

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Bandwidth Usage Monitoring	Yes
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QoS for VoIP and E-Commerce	Yes
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User Groups Bandwidth Control	Yes
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## VPN Functionality

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SpeedFusion VPN	Yes
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Number of SpeedFusion VPN Peers	<b>3 or 20</b> <sup>[9]</sup>	[9] 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	<b>Yes</b>	
Number of IPsec Tunnels	<b>5</b>	
L2TP VPN / Open VPN / PPTP VPN Server	<b>Yes</b>	
Maximum PPTP / L2TP / OpenVPN Users	<b>15</b>	
Remote RADIUS / LDAP authentication in Remote User Access	<b>Yes</b>	
Number of OpenVPN Tunnel (Site to Site)	<b>5</b>	
Number of GRE Tunnel (Site to Site)	<b>5</b>	

## Hardware

Enclosure	<b>Indoor, Metal</b>	
4pin Molex Micro-Fit Connector	<b>No</b>	
Terminal Block Power Connector for Mobile / Vehicular Deployment	<b>Yes</b>	
AC Adapter or PSU	<b>AC Input 100V–240V, DC Output 54V 3.34A</b>	
Input voltage	<b>DC 12–56V</b>	
PoE Input	<b>No</b>	
PoE Output	<b>Up to 6x 802.3at PoE+ <sup>[10]</sup></b>	[10] PoE output on WAN ports will be supported with Firmware 8.4.0 or above. 2x 54V DC input is needed for all 6x LAN/WAN ports to have 802.3at PoE. Plugging in 1x 54V DC input will result in 4x LAN ports having 802.3at PoE.
USB Power Input	<b>No</b>	

Nominal Power Consumption	NA
Maximum Power Consumption	45W (w/o PoE)
Dimensions in inches	7.32 x 8.05 x 1.61 inches
Dimensions in mm	186 x 204.5 x 41mm
Weight (Pound)	4.19 pounds
Weight (Gram / Kilogram)	1.9 kg
Operating Temperature	-40°–149°F, -40°–65°C
Humidity	15%–95% (non-condensing)
Rack-mount	No
Dual Hot Swap Power Supply	No

Warranty Info 

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Warranty	1-Year Limited Warranty
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