



## Quick Look

Number of Ethernet WAN port	<b>2 (2.5GE)</b>	
Number of Ethernet LAN port	<b>4 (10GE)</b>	
Router Throughput	<b>4Gbps</b> <sup>[1]</sup>	[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>1Gbps</b> <sup>[1]</sup>	[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>1Gbps</b> <sup>[1]</sup>	[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>No</b>	

## Interfaces

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

Module Expansion **No**

## Performance

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

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

Number of Recommended Users **50-500**

## Wireless details

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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

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SpeedFusion Hot Failover **Yes**

SpeedFusion Smoothing **Yes**

SpeedFusion Bandwidth Bonding **Yes**

SpeedFusion Connect **Yes** <sup>[3]</sup>

[3] PrimeCare subscription includes 1TB/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 **Yes**

LAN Bypass **No**

InTouch **Yes**

Virtual WAN **Yes** <sup>[4]</sup>

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

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**

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) <sup>[5]</sup>	[5] Support Application, Docker.
External Storage via USB Port	No	
Dead Reckoning	No	

## Core Functionality

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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

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

## VPN Functionality

SpeedFusion VPN	<b>Yes</b>	
Number of SpeedFusion VPN Peers	<b>2 or 10 or 20 or 50</b> <sup>[6]</sup>	[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	<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>Yes</b>	
Terminal Block Power Connector for Mobile / Vehicular Deployment	<b>No</b>	
AC Adapter or PSU	<b>54V 1.2A Power Supply</b>	
Input voltage	<b>DC 12–56V</b>	
PoE Input	<b>No</b>	
PoE Output	<b>Yes</b> <sup>[7]</sup>	[7] 1x 802.3at 2.5GE WAN.A DC input voltage of 50V – 56V is required to enable PoE output.

USB Power Input	<b>No</b>	
Nominal Power Consumption	<b>32W</b>	
Maximum Power Consumption	<b>39W</b> <sup>[8]</sup>	[8] Maximum without PoE output
Dimensions in inches	<b>10.2 x 6.3 x 1.34 inches</b>	
Dimensions in mm	<b>260 x 160 x 34 mm</b>	
Weight (Pound)	<b>2.89 pounds</b>	
Weight (Gram / Kilogram)	<b>1.31 kg</b>	
Operating Temperature	<b>32°–104 °F, 0°–40°C</b>	
Humidity	<b>10%–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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