



Quick Look

Number of Ethernet WAN port	1 / 0 (GE) ^[1]	[1] WAN port(s) can be configured as LAN port(s) via the Web Admin.
Number of Ethernet LAN port	3 / 4 (GE) ^[1]	[1] WAN port(s) can be configured as LAN port(s) via the Web Admin.
Router Throughput	1Gbps ^[2]	[2] 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)	400Mbps ^[2]	[2] 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)	200Mbps ^[2]	[2] 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	1	

Interfaces

Maximum Ethernet WAN / LAN port configuration	1 WAN with 3 LAN, 0 WAN with 4 LAN
SFP LAN / WAN	No
Serial Interface	Yes (RS-232)
Wi-Fi AP	Yes
Wi-Fi WAN	Yes
USB WAN	No

Module Expansion	No
------------------	----

Performance

Number of Recommended Users	25–150
-----------------------------	--------

Maximum Number of Controlled AP / Switch	30 / 50 ^[3]
--	------------------------

[3] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options	1x 5G
---------------------------------	-------

5G support	Yes
------------	-----

SIM Slots	2
-----------	---

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

Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 6
-------------	--------------------------------------

Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	21dBm
---	-------

Wi-Fi Antenna Transmit Power (5GHz, single chain)	22dBm
---	-------

Multiple SSIDs	16
----------------	----

GPS	Yes
-----	-----

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

FusionSIM	Yes
-----------	-----

Peplink eSIM Data Plans	Yes
-------------------------	-----

BYO eSIM	Yes
----------	-----

Features

SpeedFusion Hot Failover	Yes
--------------------------	-----

SpeedFusion Smoothing **Yes**SpeedFusion Bandwidth Bonding **Yes**SpeedFusion Connect **Yes** ^[4]^[4] 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** ^[5]^[5] 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	Yes
----------------------------	-----

Jumbo Frame Support	No
---------------------	----

Internal Storage for Edge Computing	Yes (8GB) ^[6]
-------------------------------------	--------------------------

[6] Support Application and Docker.

External Storage via USB Port	No
-------------------------------	----

Dead Reckoning	Yes
----------------	-----

Core Functionality

Inter-VLAN Routing	Yes
--------------------	-----

802.1q VLANs Supported	128
------------------------	-----

Port-Based VLAN	Yes
-----------------	-----

Load Balancing Algorithms	8
---------------------------	---

Load Balancing & Failover	Yes
---------------------------	-----

Inbound Load Balancing	No
------------------------	----

InControl 2 Cloud Management	Yes
------------------------------	-----

InControl GPS Fleet Management	Yes
--------------------------------	-----

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 / 5 / 10 / 20 ^[7]	[7] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year. 10 or 20 SpeedFusion VPN peers can be enabled with software license.
IPsec VPN	Yes	
Number of IPsec Tunnels	5	
L2TP VPN / Open VPN / PPTP VPN Server	Yes	
Maximum PPTP / L2TP / OpenVPN Users	3	
Remote RADIUS / LDAP authentication in Remote User Access	No	
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	Yes	
AC Adapter or PSU	AC Input 100V–240V, DC Output 12V 2A	
Input voltage	DC 12–56V,	
PoE Input	No	
PoE Output	1x 802.3at PoE+ ^[8]	[8] Minimum of 44V power input is required to enable PoE Output.

USB Power Input	No
Nominal Power Consumption	12W
Maximum Power Consumption	20W
Dimensions in inches	6.3 x 4 x 1.7 inches
Dimensions in mm	160 x 101 x 43.5 mm
Weight (Pound)	2.1 pounds
Weight (Gram / Kilogram)	960 grams
Operating Temperature	-40°–158°F, -40°–70°C
Humidity	15%–95% (non-condensing)
Rack-mount	No
Dual Hot Swap Power Supply	No

Warranty Info

Warranty	1-Year Limited Warranty
----------	-------------------------