



Quick Look

Number of Ethernet WAN port	2 (GE)	
Number of Ethernet LAN port	4 (GE)	
Router Throughput	1Gbps ^[1]	[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)	400Mbps ^[1]	[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)	200Mbps ^[1]	[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	No	

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 (1x USB-C)

Module Expansion **No**

Performance

Number of Recommended Users **1-150**

Maximum Number of Controlled AP / Switch **30 / 50** ^[2]

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

Wireless details

Cellular Modem Category options **No**

5G support **No**

SIM Slots **No**

SIM Card Size **No**

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

Wi-Fi Antenna Transmit Power (2.4GHz, single chain) **20dBm**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **24dBm**

Multiple SSIDs **16**

GPS **No**

RemoteSIM (used in SIM Injector) **No**

FusionSIM **No**

Peplink eSIM Data Plans **No**

BYO eSIM **No**

Features

SpeedFusion Hot Failover **Yes** ^[3]

^[3] Require PrimeCare Subscription, complimentary for the first year.

SpeedFusion Smoothing	Yes ^[3]	[3] Require PrimeCare Subscription, complimentary for the first year.
SpeedFusion Bandwidth Bonding	Yes ^[3]	[3] Require PrimeCare Subscription, complimentary for the first year.
SpeedFusion Connect	Yes ^[4]	[4] PrimeCare subscription includes 500GB/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 ^[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 ^[6]	[6] Available for Firmware 8.5.0 or above.
IPv6	Yes	
x.509 Certificate	Yes ^[7]	[7] Require IPsec X.509 Certificate License Key.
Captive Portal	Yes	

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

[8] Require software add-on licence (LIC-DOC) and Firmware 8.5.2 or above to enable edge computing (Docker).

Core Functionality

Inter-VLAN Routing	Yes
802.1q VLANs Supported	16
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	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 / 5 / 10 / 20 ^[9]	[9] 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 (PVN-LC-10 and 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	No	
Number of OpenVPN Tunnel (Site to Site)	5	
Number of GRE Tunnel (Site to Site)	5	

Hardware

Enclosure	Indoor, Plastic	
4pin Molex Micro-Fit Connector	Yes	
Terminal Block Power Connector for Mobile / Vehicular Deployment	No	
AC Adapter or PSU	AC Input 100V–240V, ^[10] DC Output 12V 3A	[10] Compatible with ACW-672.
Input voltage	DC 10–30V	
PoE Input	No	
PoE Output	No	

USB Power Input	No	
Nominal Power Consumption	6W	
Maximum Power Consumption	15W ^[11]	[11] Maximum without USB-C output.
Dimensions in inches	10.31 x 6.33 x 1.31inch	
Dimensions in mm	262 x 161 x 33.5mm	
Weight (Pound)	1.6 pounds	
Weight (Gram / Kilogram)	727 grams	
Operating Temperature	-40°-113°F, -40°-45°C	
Humidity	10%-90% (non-condensing)	
Rack-mount	No	
Dual Hot Swap Power Supply	No	

Warranty Info

Warranty	1-Year Limited Warranty
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