



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 | 1 | |

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 **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) **20dBm**

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

Multiple SSIDs **16**

GPS **No**

RemoteSIM (used in SIM Injector) **Yes (HW2+)**

FusionSIM **Yes (HW2+)**

Peplink eSIM Data Plans **Yes**

BYO eSIM **Yes**

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 | |
| IPv6 | Yes | |
| x.509 Certificate | Yes ^[6] | [6] 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 ^[7] |
| Dead Reckoning | No |

^[7] 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 ^[8] | [8] 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, ^[9] DC Output 12V 3A | [9] Compatible with ACW-672. |
| Input voltage | DC 10–30V | |
| PoE Input | No | |
| PoE Output | No | |

| | | |
|----------------------------|----------------------------------|------------------------------------|
| USB Power Input | No | |
| Nominal Power Consumption | 7W | |
| Maximum Power Consumption | 19W ^[10] | [10] 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) | 1.7 pounds | |
| Weight (Gram / Kilogram) | 756 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 |
|----------|--------------------------------|