



Quick Look

|                                            |              |
|--------------------------------------------|--------------|
| Number of Ethernet WAN port                | 4 / 6 (GE)   |
| Number of Ethernet LAN port                | 2 / 0 (2.5G) |
| Router Throughput                          | 1Gbps        |
| SpeedFusion VPN Throughput (No Encryption) | 400Mbps      |
| SpeedFusion VPN Throughput (256-bit AES)   | 200Mbps      |
| Number of Cellular Modem                   | No           |

Interfaces

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| Maximum Ethernet WAN / LAN port configuration | 6 WAN with 0 LAN,<br>4 WAN with 2 LAN |
| SFP LAN / WAN                                 | No                                    |
| Serial Interface                              | Yes (RS-232)                          |
| Wi-Fi AP                                      | Yes                                   |
| Wi-Fi WAN                                     | Yes                                   |
| USB WAN                                       | Yes (1x USB)                          |
| Module Expansion                              | No                                    |

## Performance

Number of Recommended Users **1–150**

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

[1] 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) **21dBm**

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

Multiple SSIDs **16**

GPS **Yes**

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

FusionSIM **No**

Peplink eSIM Data Plans **No**

BYO eSIM **No**

## Features

SpeedFusion Hot Failover **Yes**

SpeedFusion Smoothing **Yes**

|                                                 |                    |                                                                                              |
|-------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------|
| SpeedFusion Bandwidth Bonding                   | Yes                |                                                                                              |
| SpeedFusion Connect                             | Yes <sup>[2]</sup> | [2] 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                                      | Yes                |                                                                                              |
| LAN Bypass                                      | No                 |                                                                                              |
| InTouch                                         | Yes                |                                                                                              |
| Virtual WAN                                     | Yes                |                                                                                              |
| Synergy Mode (Controller)                       | Yes                |                                                                                              |
| Synergized Device                               | Yes                |                                                                                              |
| Application and Web Blocking                    | Yes                |                                                                                              |
| Web Content Filtering                           | Full               |                                                                                              |
| IP Passthrough                                  | Yes                |                                                                                              |
| IPv6                                            | No                 |                                                                                              |
| x.509 Certificate                               | Yes <sup>[3]</sup> | [3] Require IPsec X.509 Certificate License Key.                                             |
| Captive Portal                                  | Yes                |                                                                                              |
| GPIO                                            | Yes                |                                                                                              |

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| Ignition Sensing | Yes |
|------------------|-----|

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|-----------------|-----|
| Netflow Support | Yes |
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|----------------------------|----|
| LACP (802.3ad) NIC Bonding | No |
|----------------------------|----|

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

|                                     |                          |
|-------------------------------------|--------------------------|
| Internal Storage for Edge Computing | Yes (8GB) <sup>[4]</sup> |
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[4] Support Application and Docker.

|                               |                    |
|-------------------------------|--------------------|
| External Storage via USB Port | Yes <sup>[5]</sup> |
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[5] 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 | 16 |
|------------------------|----|

|                 |     |
|-----------------|-----|
| Port-Based VLAN | Yes |
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|                           |   |
|---------------------------|---|
| Load Balancing Algorithms | 8 |
|---------------------------|---|

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

|                        |    |
|------------------------|----|
| Inbound Load Balancing | No |
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|------------------------------|-----|
| InControl 2 Cloud Management | Yes |
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|                                |     |
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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                            |                                                                                                                                                                                                                                                       |
| Number of SpeedFusion VPN Peers                           | 2 / 5 / 10 / 20 <sup>[6]</sup> | [6] 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                       | 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,<br>Metal                     |
| 4pin Molex Micro-Fit Connector                                   | Yes                                  |
| Terminal Block Power Connector for Mobile / Vehicular Deployment | No                                   |
| AC Adapter or PSU                                                | AC Input 100V–240V,<br>DC Output 12V |
| Input voltage                                                    | DC 10–30V                            |
| PoE Input                                                        | Yes                                  |
| PoE Output                                                       | No                                   |
| USB Power Input                                                  | No                                   |

|                            |                           |                                  |
|----------------------------|---------------------------|----------------------------------|
| Nominal Power Consumption  | 11W                       |                                  |
| Maximum Power Consumption  | 14W <sup>[7]</sup>        | [7] Maximum without USB-C output |
| Dimensions in inches       | 8.58 x 7.68 x 1.61 inches |                                  |
| Dimensions in mm           | 218 x 195 x 29.5 mm       |                                  |
| Weight (Pound)             | 2.03 pounds               |                                  |
| Weight (Gram / Kilogram)   | 924 grams                 |                                  |
| Operating Temperature      | -40°–149°F,<br>-40°–65°C  |                                  |
| Humidity                   | 15%–95% (non-condensing)  |                                  |
| Rack-mount                 | No                        |                                  |
| Dual Hot Swap Power Supply | No                        |                                  |

Warranty Info

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