



### Quick Look

|                                            |                        |                                                                                                                                                                                                                                                                                           |
|--------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Ethernet WAN port                | 13 (GE)                |                                                                                                                                                                                                                                                                                           |
| Number of Ethernet LAN port                | 3 (GE)                 |                                                                                                                                                                                                                                                                                           |
| Router Throughput                          | 5Gbps <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) | 800Mbps <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)   | 800Mbps <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                   | No                     |                                                                                                                                                                                                                                                                                           |

### Interfaces

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| Maximum Ethernet WAN / LAN port configuration | 13 WAN with 3 LAN,<br>2 WAN with 14 LAN |
| SFP LAN / WAN                                 | No                                      |
| Serial Interface                              | No                                      |
| Wi-Fi AP                                      | No                                      |
| Wi-Fi WAN                                     | No                                      |
| USB WAN                                       | Yes (1x USB)                            |

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

## Performance

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|                                          |     |
|------------------------------------------|-----|
| Maximum Number of Controlled AP / Switch | 500 |
|------------------------------------------|-----|

|                             |           |
|-----------------------------|-----------|
| Number of Recommended Users | 1000–5000 |
|-----------------------------|-----------|

## 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 (HW2+)                |
| SpeedFusion Relay Mode (Server)                 | Yes                       |
| Drop-In Mode                                    | Yes                       |
| High Availability                               | Yes                       |
| Peplink AP Series Management                    | Yes                       |
| Remote AP & Multiple Config Profiles Management | Yes                       |
| Switch Controller                               | Yes                       |
| WAN as LAN                                      | Yes                       |
| LAN Bypass                                      | Yes                       |
| InTouch                                         | Yes (HW2+)                |
| Virtual WAN                                     | Yes (HW2+) <sup>[2]</sup> |
| Synergy Mode (Controller)                       | Yes (HW2+)                |
| Synergized Device                               | Yes (HW2+)                |
| Application and Web Blocking                    | Yes                       |
| Web Content Filtering                           | Full                      |
| IP Passthrough                                  | Yes (HW2+)                |
| IPv6                                            | Yes                       |
| x.509 Certificate                               | Yes                       |
| Captive Portal                                  | Yes                       |
| GPIO                                            | No                        |

[2] Up to 3 Virtual WAN if purchasing Virtual WAN Activation Licence.

|                                     |                           |                                                      |
|-------------------------------------|---------------------------|------------------------------------------------------|
| Ignition Sensing                    | No                        |                                                      |
| Netflow Support                     | Yes                       |                                                      |
| LACP (802.3ad) NIC Bonding          | Yes                       |                                                      |
| Jumbo Frame Support                 | Yes                       |                                                      |
| Internal Storage for Edge Computing | No                        |                                                      |
| External Storage via USB Port       | Yes (HW2+) <sup>[3]</sup> | [3] Require Firmware 8.4.0 or above. Support Docker. |
| Dead Reckoning                      | No                        |                                                      |

Core Functionality

|                                |      |  |
|--------------------------------|------|--|
| Inter-VLAN Routing             | Yes  |  |
| 802.1q VLANs Supported         | 1024 |  |
| 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

|                               |     |  |
|-------------------------------|-----|--|
| 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>800</b> |
| IPsec VPN                                                 | <b>Yes</b> |
| Number of IPsec Tunnels                                   | <b>500</b> |
| L2TP VPN / Open VPN / PPTP VPN Server                     | <b>Yes</b> |
| Maximum PPTP / L2TP / OpenVPN Users                       | <b>500</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

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|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Enclosure                                                        | <b>Indoor,<br/>Metal</b>    |
| 4pin Molex Micro-Fit Connector                                   | <b>No</b>                   |
| Terminal Block Power Connector for Mobile / Vehicular Deployment | <b>No</b>                   |
| AC Adapter or PSU                                                | <b>Power Cord (ACW-614)</b> |
| Input voltage                                                    | <b>AC 100–240V</b>          |
| PoE Input                                                        | <b>No</b>                   |
| PoE Output                                                       | <b>No</b>                   |
| USB Power Input                                                  | <b>No</b>                   |
| Nominal Power Consumption                                        | <b>70W</b>                  |



|                            |                         |
|----------------------------|-------------------------|
| Maximum Power Consumption  | 220W                    |
| Dimensions in inches       | 16.8 x 12 x 1.73 inches |
| Dimensions in mm           | 426 x 305 x 44 mm       |
| Weight (Pound)             | 15.4 pounds             |
| Weight (Gram / Kilogram)   | 7 kg                    |
| Operating Temperature      | 32°–104 °F,<br>0°–40°C  |
| Humidity                   | NA                      |
| Rack-mount                 | 1U                      |
| Dual Hot Swap Power Supply | No                      |

Warranty Info

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