





## Quick Look

- Number of Ethernet WAN port  
12 (GE)
- Number of Ethernet LAN port  
8 (GE)
- Router Throughput  
8Gbps
- SpeedFusion VPN Throughput (No Encryption)  
2Gbps
- SpeedFusion VPN Throughput (256-bit AES)  
2Gbps
- Number of Cellular Modem  
No

## Interfaces

- Maximum Ethernet WAN / LAN port configuration  
12 WAN with 8 LAN, 2 WAN with 18 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

Maximum Number of AP Supported  
2000  
Number of Recommended Users  
5000–20000+

## Wireless details

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

SpeedFusion Hot Failover  
Yes  
SpeedFusion Smoothing  
Yes  
SpeedFusion Bandwidth Bonding  
Yes  
SpeedFusion Connect  
Yes  
[1]  
[1] CarePlan subscription includes 2.5TB/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  
Yes  
WAN as LAN  
Yes  
LAN Bypass  
Yes  
InTouch

Yes  
Virtual WAN  
Yes  
[2]  
[2] Up to 3 Virtual WAN if 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  
GPIO  
No  
Captive Portal  
Yes  
Ignition Sensing  
No  
Netflow support  
Yes  
LACP (802.3ad) NIC Bonding  
Yes  
Internal Storage for Edge Computing  
No  
External Storage via USB Port  
Yes  
[3]  
[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  
Yes  
Number of SpeedFusion VPN Peers  
4000  
IPsec VPN  
Yes  
Number of IPsec Tunnels  
1000  
L2TP VPN / Open VPN / PPTP VPN Server  
Yes  
Maximum PPTP / L2TP / OpenVPN Users  
1000  
Remote RADIUS / LDAP authentication in Remote User Access  
Yes  
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  
No  
Terminal Block Power Connector for Mobile / Vehicular Deployment  
No  
AC Adapter or PSU  
2x Power Cord (ACW-614)  
Input voltage  
AC 100–240V  
PoE Input  
No  
PoE Output  
No  
USB Power Input  
No  
Nominal Power Consumption  
230W  
Maximum Power Consumption  
275W  
Dimensions in inches  
16.8 x 21.7 x 1.73 inches  
Dimensions in mm  
426 x 550 x 44 mm  
Weight (Pound)  
26.5 pounds  
Weight (Gram / Kilogram)  
12 kg  
Operating Temperature  
32°–104 °F, 0°–40°C  
Humidity  
NA  
Rack-mount

1U  
Dual Hot Swap Power Supply  
Yes

Warranty Info

Warranty  
1-Year Limited Warranty