





## Quick Look

- Number of Ethernet WAN port  
1 (GE)
- Number of Ethernet LAN port  
4 (GE)
- Router Throughput  
900Mbps
- SpeedFusion VPN Throughput (No Encryption)  
100Mbps
- SpeedFusion VPN Throughput (256-bit AES)  
60Mbps
- Number of Cellular Modem  
1 / 2
- [3]
- [3] Equipped with 1 built-in Cellular module. Add 1 cellular WAN using FlexModule Mini.

## Interfaces

- Maximum Ethernet WAN / LAN port configuration  
1 WAN with 4 LAN
- SFP LAN / WAN  
No
- Serial Interface  
No
- Wi-Fi AP  
Yes
- Wi-Fi WAN  
Yes
- [1]
- [1] Require Firmware 8.3.0 or above and PrimeCare Subscription.
- USB WAN  
Yes (1x USB)
- Module Expansion

Yes (1 slot for FlexModule Mini)

## Performance

Maximum Number of AP Supported

30 / 50

[2]

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

Number of Recommended Users

1–60

## Wireless details

Cellular Modem Category options

1x CAT-4, 1x CAT-6, 1x CAT-7, 1x CAT-12 (With FlexModule Mini), 1x CAT-18 (With FlexModule Mini), 1x CAT-20 (With FlexModule Mini), 1x 5G (With FlexModule Mini)

5G support

Yes

SIM Slots

Up to 4

[4]

[4] 2 SIM slot by default. 2 extra SIM slots are added with the FlexModule Mini. Balance 20X support a expansion module with 1x Cellular modem.

SIM Card Size

Mini-SIM (2FF)

Wi-Fi Radio

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

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

21dBm

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

20dBm

Multiple SSIDs

16

GPS

Yes

RemoteSIM (used in SIM Injector)

Yes

FusionSIM

Yes

Peplink eSIM Data Plans

Yes (HW3+)

[5]

[5] Require Firmware 8.3.0 or above and supported for selected SKU.

BYO eSIM

Yes (HW3+)

[6]

[6] Require Firmware 8.4.0 or above and supported for selected SKU.

## Features

SpeedFusion Hot Failover

Yes

[7]

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

SpeedFusion Smoothing

Yes

[7]

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

SpeedFusion Bandwidth Bonding

Yes

[7]	
[7] Require PrimeCare Subscription, complimentary for the first year.	
SpeedFusion Connect	
Yes	
[8]	
[8] 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	
WAN as LAN	
No	
LAN Bypass	
No	
InTouch	
Yes	
Virtual WAN	
Yes	
[9]	
[9] 1 Virtual WAN complimentary with active PrimeCare. Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.	
Synergy Mode (Controller)	
Yes	
Synergized Device	
No	
Application and Web Blocking	
Yes	
Web Content Filtering	
Lite	
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	
No	
Internal Storage for Edge Computing	
No	
External Storage via USB Port	
No	
Dead Reckoning	
No	

## Core Functionality

Inter-VLAN Routing
Yes

802.1q VLANs Supported  
16  
Port-Based VLAN  
Yes  
Load Balancing & Failover  
Yes  
Load Balancing Algorithms  
8  
Inbound Load Balancing  
No  
InControl 2 Cloud Management  
Yes  
InControl GPS Fleet Management  
Yes

## 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 or 5  
[10]  
[10] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year.  
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, Metal  
4pin Molex Micro-Fit Connector  
No  
Terminal Block Power Connector for Mobile / Vehicular Deployment  
No  
AC Adapter or PSU  
12V 3A PSU (ACW-602)  
Input voltage  
DC 10–30V

PoE Input  
No  
PoE Output  
No  
USB Power Input  
No  
Nominal Power Consumption  
6.8W  
Maximum Power Consumption  
28W  
Dimensions in inches  
6.3 x 10.3 x 1.3 inches  
Dimensions in mm  
160 x 262 x 33 mm  
Weight (Pound)  
1.74 pounds  
Weight (Gram / Kilogram)  
0.67 kg  
Operating Temperature  
14°–113°F, -10°–45°C  
Humidity  
15%–95% (non-condensing)  
Rack-mount  
No  
Dual Hot Swap Power Supply  
No

## Warranty Info

Warranty  
1-Year Limited Warranty