





Quick Look

Number of Ethernet WAN port

1 / 0 (2.5G)

[1]

[1] WAN port(s) can be configured as LAN port(s) via the Web Admin.

Number of Ethernet LAN port

2 / 3 (GE)

[1]

[1] WAN port(s) can be configured as LAN port(s) via the Web Admin.

Router Throughput

1Gbps

SpeedFusion VPN Throughput (No Encryption)

400Mbps

SpeedFusion VPN Throughput (256-bit AES)

200Mbps

Number of Cellular Modem

1

Interfaces

Maximum Ethernet WAN / LAN port configuration

1 WAN with 2 LAN, 0 WAN with 3 LAN

SFP LAN / WAN

No

Serial Interface

No

Wi-Fi AP

Yes

Wi-Fi WAN

Yes

USB WAN

No

Module Expansion

No

Performance

Number of Recommended Users

1–150

Maximum Number of AP Supported

30 / 50

[2]

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

Wireless details

Cellular Modem Category options

1x CAT-20

5G support

No

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)

24dBm

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

26dBm

Multiple SSIDs

16

GPS

Yes

RemoteSIM (used in SIM Injector)

No

FusionSIM

No

Peplink eSIM Data Plans

Yes

[3]

[3] Require Firmware 8.3.0 or above.

BYO eSIM

Yes

[4]

[4] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover

Yes

SpeedFusion Smoothing

Yes

SpeedFusion Bandwidth Bonding

Yes

SpeedFusion Connect

Yes

[5]

[5] PrimeCare subscription includes 1TB/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

Yes

LAN Bypass

No

InTouch

Yes

Virtual WAN

Yes

[6]

[6] 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

Lite

IP Passthrough

Yes

IPv6

No

x.509 Certificate

Yes

[7]

[7] Require IPsec X.509 Certificate License Key

Captive Portal

Yes

GPIO

Yes

Ignition Sensing

Yes

Netflow support

Yes

LACP (802.3ad) NIC Bonding

Yes

[8]

[8] Require Firmware 8.4.1 or above.

Internal Storage for Edge Computing

No

External Storage via USB Port

No

Dead Reckoning

Yes

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
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
[9]
[9] 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
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, Metal
4pin Molex Micro-Fit Connector
Yes
Terminal Block Power Connector for Mobile / Vehicular Deployment
No
AC Adapter or PSU
AC Input 100V–240V, DC Output 12V 2A
Input voltage
DC 10–30V
PoE Input
No
PoE Output
No
USB Power Input
No

Nominal Power Consumption
8W
Maximum Power Consumption
19W
Dimensions in inches
5.78 x 5.08 x 1.15 inches
Dimensions in mm
146.8 x 129 x 29.3 mm
Weight (Pound)
1.5 pounds
Weight (Gram / Kilogram)
680 grams
Operating Temperature
-40°–149°F, -40°–65°C
Humidity
15%–95% (non-condensing)
Rack-mount
No
Dual Hot Swap Power Supply
No

Warranty Info

Warranty
1-Year Limited Warranty