









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. Ethernet ports include surge and ESD protection circuits to protect against over-voltage transients.  
Number of Ethernet LAN port  
2 / 3 (GE)  
[1]  
[1] WAN port(s) can be configured as LAN port(s) via the Web Admin. Ethernet ports include surge and ESD protection circuits to protect against over-voltage transients.  
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 5G  
5G support  
Yes  
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)  
Yes (HW2+)  
FusionSIM  
Yes (HW2+)  
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