





Quick Look

- Number of Ethernet WAN port
1 (GE)
- Number of Ethernet LAN port
5 (GE)
- Router Throughput
1 Gbps
- SpeedFusion VPN Throughput (No Encryption)
600 Mbps
- SpeedFusion VPN Throughput (256-bit AES)
500 Mbps
- Number of Cellular Modem
1

Interfaces

- Maximum Ethernet WAN / LAN port configuration
1 WAN with 5 LAN
- SFP LAN / WAN
1x SFP WAN, 1x SFP LAN
- Serial Interface
No
- Wi-Fi AP
Yes
- Wi-Fi WAN
Yes
- USB WAN
Yes (1x USB)
- Module Expansion
No

Performance

Maximum Number of AP Supported
30 / 50
[1]
[1] 50 AP is available as a license add-on (AP-LC-50).
Number of Recommended Users
50–500

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 5
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)
21dBm
Wi-Fi Antenna Transmit Power (5GHz, single chain)
20dBm
Multiple SSIDs
16
GPS
No
RemoteSIM (used in SIM Injector)
Yes
FusionSIM
Yes
Peplink eSIM Data Plans
Yes (HW2+)
[2]
[2] Require Firmware 8.3.0 or above.
BYO eSIM
Yes (HW2+)
[3]
[3] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover
Yes
SpeedFusion Smoothing
Yes
SpeedFusion Bandwidth Bonding
Yes
SpeedFusion Connect
Yes
[4]
[4] 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
[5]
[5] 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
Yes
x.509 Certificate
Yes
GPIO
No
Captive Portal
Yes
Ignition Sensing
No
Netflow support
Yes
LACP (802.3ad) NIC Bonding
Yes
[6]
[6] Require Firmware 8.4.1 or above.
Internal Storage for Edge Computing
No
External Storage via USB Port
Yes
[7]
[7] Require Firmware 8.4.0 or above. Support Docker.
Dead Reckoning
No

Core Functionality

Inter-VLAN Routing
Yes
802.1q VLANs Supported
128
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
2 or 3 or 30
[8]
[8] 2 or 3 peers by default for PrimeCare or non-PrimeCare SKU respectively.For PrimeCare SKU, 30 peers requires 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
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
12V 5A PSU
Input voltage
DC 12V
PoE Input
No
PoE Output
No
USB Power Input
No
Nominal Power Consumption
17W
Maximum Power Consumption
40W
Dimensions in inches

9.9 x 7.1 x 2.0 inches
Dimensions in mm
253 x 180 x 50 mm
Weight (Pound)
3.6 pounds
Weight (Gram / Kilogram)
1.65 kg
Operating Temperature
32°–104 °F, 0°–40°C
Humidity
10%–85% (non-condensing)
Rack-mount
No
Dual Hot Swap Power Supply
No

Warranty Info

Warranty
1-Year Limited Warranty