



Quick Look

Number of Ethernet WAN port	8 / 9 (2.5G)
Number of Ethernet LAN port	1 / 0 (10G)
Router Throughput	4Gbps
SpeedFusion VPN Throughput (No Encryption)	1Gbps
SpeedFusion VPN Throughput (256-bit AES)	1Gbps
Number of Cellular Modem	No

Interfaces

Maximum Ethernet WAN / LAN port configuration	9 WAN with 0 LAN, 8 WAN with 1 LAN
SFP LAN / WAN	1x 10G SFP+ WAN/LAN
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	No
USB WAN	Yes (2x USB-C)
Module Expansion	No

Performance

Number of Recommended Users **50–500**

Maximum Number of Controlled AP / Switch **30 / 50** ^[1]

[1] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options **No**

5G support **No**

SIM Slots **No**

SIM Card Size **No**

Wi-Fi Radio **Dual (2.4GHz + 5GHz),
2x2 Wi-Fi 7**

Wi-Fi Antenna Transmit Power (2.4GHz, single chain) **24dBm**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **23dBm**

Cellular Antenna Connectors **No**

Multiple SSIDs **16**

GPS **Yes**

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**SpeedFusion Relay Mode (Server) **Yes**Drop-In Mode **Yes**High Availability **Yes**Peplink AP Series Management **Yes**Remote AP & Multiple Config
Profiles Management **No**Switch Controller **Yes**WAN as LAN **Yes**LAN Bypass **No**InTouch **Yes**Virtual WAN **Yes** ^[2]

[2] 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 **Full**IP Passthrough **Yes**IPv6 **Yes** ^[3]

[3] Support IP Passthrough mode.

x.509 Certificate **Yes**Captive Portal **Yes**

GPIO	No	
Ignition Sensing	No	
Netflow Support	Yes	
LACP (802.3ad) NIC Bonding	No	
Jumbo Frame Support	Yes	
Internal Storage for Edge Computing	Yes (8GB) ^[4]	^[4] Support Application and Docker.
External Storage via USB Port	Yes ^[5]	^[5] Support Docker.
Dead Reckoning	Yes	

Core Functionality

Inter-VLAN Routing	Yes
802.1q VLANs Supported	20
Port-Based VLAN	Yes
Load Balancing Algorithms	8
Load Balancing & Failover	Yes
Inbound Load Balancing	Yes
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 30 ^[6]	[6] 2 SpeedFusion VPN Peers are enabled by default. 30 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	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	Yes	
AC Adapter or PSU	AC Input 100V – 240V, DC Output 54V 5.19A	
Input voltage	DC 12–54V	
PoE Input	No	
PoE Output	Up to 8x 802.3at PoE+ ^[7]	[7] A DC input voltage of 50V – 54V is required to enable PoE output.

USB Power Input	No	
Nominal Power Consumption	25W	
Maximum Power Consumption	50W ^[8]	[8] Maximum without USB-C output and PoE output
Dimensions in inches	7.3 x 8 x 1.61 inches	
Dimensions in mm	186 x 204.5 x 41 mm	
Weight (Pound)	7.58 pounds	
Weight (Gram / Kilogram)	3.44 kg	
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
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