



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**

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
Synergy Mode (Controller)	Yes
Synergized Device	Yes
Application and Web Blocking	Yes
Web Content Filtering	Full
IP Passthrough	Yes
IPv6	Yes
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) ^[2]	[2] Support Application and Docker.
External Storage via USB Port	Yes ^[3]	[3] Support Docker.
Dead Reckoning	Yes	

Core Functionality

Inter-VLAN Routing	Yes
802.1q VLANs Supported	20
Port-Based VLAN	Yes
Load Balancing Algorithms	Yes
Load Balancing & Failover	8
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 ^[4]	[4] 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+ ^[5]	[5] 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 ^[6]	[6] 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
----------	-------------------------