



Quick Look

Number of Ethernet WAN port	No	
Number of Ethernet LAN port	1 (GE) ^[1]	[1] Ethernet LAN port can be split into two LAN ports using the included splitter (1x LAN 802.3af PoE out, 1x LAN 802.3at PoE+ in).
Router Throughput	NA	
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	0 WAN with 1 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 Controlled AP / Switch	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)	21dBm	
Wi-Fi Antenna Transmit Power (5GHz, single chain)	22dBm	
Multiple SSIDs	16	
GPS	Yes	
RemoteSIM (used in SIM Injector)	Yes	
FusionSIM	Yes	
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] CarePlan subscription includes 1TB/year complimentary SpeedFusion Connect Usage data.
SpeedFusion Relay Mode (Server)	Yes	
Drop-In Mode	No	
High Availability	Yes	
Peplink AP Series Management	Yes	
Remote AP & Multiple Config Profiles Management	No	
Switch Controller	Yes	
WAN as LAN	No	
LAN Bypass	No	
InTouch	Yes	
Virtual WAN	Yes ^[6]	[6] Up to 3 Virtual WAN if 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	
x.509 Certificate	Yes	
Captive Portal	Yes	
GPIO	No	

Ignition Sensing	No
Netflow Support	Yes
LACP (802.3ad) NIC Bonding	No
Jumbo Frame Support	No
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	128
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	3 / 10 / 20 ^[7]	[7] 3 SpeedFusion VPN Peers are enabled by default.10 or 20 SpeedFusion VPN peers can be enabled with software license (PVN-LC-10 and PVN-LC-20).
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	Outdoor, IP67, Metal	
4pin Molex Micro-Fit Connector	No	
Terminal Block Power Connector for Mobile / Vehicular Deployment	No	
AC Adapter or PSU	No	
Input voltage	PoE: DC 48–56V	
PoE Input	Yes ^[8]	[8] 1x 802.3at PoE.
PoE Output	1x 802.3af PoE (with Ethernet Splitter)	
USB Power Input	No	

Nominal Power Consumption	NA
Maximum Power Consumption	20W
Dimensions in inches	4.33 inches (radius) x 4.53 inches (height)
Dimensions in mm	110 mm (radius) x 115 mm (height)
Weight (Pound)	With Ethernet Splitter: 3.75 pounds, Without Ethernet Splitter: 2.65 pounds
Weight (Gram / Kilogram)	With Ethernet Splitter: 1.7 kg, Without Ethernet Splitter: 1.2 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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