



Quick Look

Number of Ethernet WAN port	1 / 0 (GE) ^[1]	[1] WAN port(s) can be configured as LAN port(s) via the Web Admin.
Number of Ethernet LAN port	1 / 2 (2.5G) ^[1]	[1] WAN port(s) can be configured as LAN port(s) via the Web Admin.
Router Throughput	1Gbps ^[2]	[2] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
SpeedFusion VPN Throughput (No Encryption)	400Mbps ^[2]	[2] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
SpeedFusion VPN Throughput (256-bit AES)	200Mbps ^[2]	[2] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
Number of Cellular Modem	2	

Interfaces

Maximum Ethernet WAN / LAN port configuration	1 WAN with 1 LAN, 0 WAN with 2 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	Yes
USB WAN	No

Module Expansion	No
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Performance

Number of Recommended Users	1–150
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Maximum Number of Controlled AP / Switch	30 / 50 ^[3]
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[3] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options	2x 5G
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5G support	Yes
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SIM Slots	4
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SIM Card Size	Nano-SIM (4FF)
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Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 6
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Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	21dBm
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Wi-Fi Antenna Transmit Power (5GHz, single chain)	22dBm
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Multiple SSIDs	16
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GPS	Yes
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RemoteSIM (used in SIM Injector)	Yes
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FusionSIM	Yes
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Peplink eSIM Data Plans	Yes ^[4]
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[4] Require Firmware 8.3.0 or above.

BYO eSIM	Yes ^[5]
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[5] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover	Yes
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SpeedFusion Smoothing **Yes**SpeedFusion Bandwidth Bonding **Yes**SpeedFusion Connect **Yes** ^[6]^[6] 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**Switch Controller **Yes**WAN as LAN **Yes**LAN Bypass **No**InTouch **Yes**Virtual WAN **Yes** ^[7]^[7] 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** ^[8]^[8] Available for Firmware 8.5.0 or above.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	2 / 5 / 10 / 20 ^[9]	[9] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year. 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 ^[10]	[10] 1x 802.3at PoE+ is sufficient without PoE output. However, 1x 802.3bt PoE+ + is required with PoE output.
PoE Output	1x 802.3at PoE+	

USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	24W
Dimensions in inches	5.12 inches (radius) x 4.79 inches (height)
Dimensions in mm	130 mm (radius) x 121.6 mm (height)
Weight (Pound)	With Ethernet Cover: 4.19 pounds, Without Ethernet Cover: 3.53 pounds
Weight (Gram / Kilogram)	With Ethernet Cover: 1.9 kg, Without Ethernet Cover: 1.6 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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