



Quick Look

Number of Ethernet WAN port	2 (GE)	
Number of Ethernet LAN port	4 (GE)	
Router Throughput	2.5Gbps ^[1]	[1] 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)	600Mbps ^[1]	[1] 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)	500Mbps ^[1]	[1] 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	2 WAN with 4 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	Yes
USB WAN	Yes (2x USB)

Module Expansion	No
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Performance

Number of Recommended Users	50-500
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Maximum Number of Controlled AP / Switch	30 / 50 ^[2]
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[2] 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 5
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Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	24dBm
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Wi-Fi Antenna Transmit Power (5GHz, single chain)	21dBm
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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 ^[3]
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[3] Require Firmware 8.3.0 or above.

BYO eSIM	Yes ^[4]
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[4] 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** ^[5]^[5] CarePlan subscription includes 2.5TB/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 **No**LAN Bypass **No**InTouch **Yes**Virtual WAN **Yes** ^[6]^[6] Up to 40 Virtual WAN if purchasing Virtual WAN Activation Licence.Synergy Mode (Controller) **Yes**Synergized Device **Yes**Application and Web Blocking **Yes**Web Content Filtering **Lite**IP Passthrough **Yes** ^[7]^[7] Available for Firmware 8.5.0 or above.IPv6 **Yes**x.509 Certificate **Yes**Captive Portal **Yes**

GPIO	Yes
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Ignition Sensing	Yes
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Netflow Support	Yes
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LACP (802.3ad) NIC Bonding	Yes ^[8]
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[8] Require Firmware 8.4.1 or above.

Jumbo Frame Support	Yes
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Internal Storage for Edge Computing	No
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External Storage via USB Port	Yes ^[9]
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[9] Support Docker.

Dead Reckoning	Yes
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Core Functionality

Inter-VLAN Routing	Yes
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802.1q VLANs Supported	128
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Port-Based VLAN	Yes
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Load Balancing Algorithms	8
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Load Balancing & Failover	Yes
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Inbound Load Balancing	No
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InControl 2 Cloud Management	Yes
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InControl GPS Fleet Management	Yes
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Advanced QoS Functionality

Bandwidth Usage Monitoring	Yes
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QoS for VoIP and E-Commerce	Yes
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User Groups Bandwidth Control	Yes
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VPN Functionality

SpeedFusion VPN	Yes	
Number of SpeedFusion VPN Peers	3 or 20 ^[10]	[10] Require license to increase maximum number of PepVPN/SpeedFusion Peers. Several option are available based on the model 5, 10 or 20 peers (PVN-LC-05, PVN-LC-10, 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	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 3.34A
Input voltage	DC 12–56V
PoE Input	No

PoE OutputUp to 6x 802.3at PoE+ [11]

[11] PoE output on WAN ports will be supported with Firmware 8.4.0 or above. 2x 54V DC input is needed for all 6x LAN/WAN ports to have 802.3at PoE. Plugging in 1x 54V DC input will result in 4x LAN ports having 802.3at PoE.

USB Power InputNo

Nominal Power ConsumptionNA

Maximum Power Consumption45W (w/o PoE)

Dimensions in inches7.32 x 8.05 x 1.61 inches

Dimensions in mm186 x 204.5 x 41mm

Weight (Pound)4.19 pounds

Weight (Gram / Kilogram)1.9 kg

Operating Temperature-40°–149°F,
-40°–65°C

Humidity15%–95% (non-condensing)

Rack-mountNo

Dual Hot Swap Power SupplyNo

Warranty Info

Warranty1-Year Limited Warranty