



Quick Look

Number of Ethernet WAN port	1 (GE)	
Number of Ethernet LAN port	1 (GE)	
Router Throughput	400Mbps ^[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)	100Mbps ^[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)	60Mbps ^[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	4	

Interfaces

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

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	4x CAT-4, 4x CAT-6
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5G support	No
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SIM Slots	8
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SIM Card Size	Mini-SIM (2FF)
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Wi-Fi Radio	No
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Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	No
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Wi-Fi Antenna Transmit Power (5GHz, single chain)	No
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Multiple SSIDs	No
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GPS	Yes
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RemoteSIM (used in SIM Injector)	No
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FusionSIM	No
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Peplink eSIM Data Plans	No
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BYO eSIM	No
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Features

SpeedFusion Hot Failover	Yes
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SpeedFusion Smoothing **Yes**SpeedFusion Bandwidth Bonding **Yes**SpeedFusion Connect **Yes** ^[3]^[3] 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 **Yes**LAN Bypass **No**InTouch **Yes**Virtual WAN **No**Synergy Mode (Controller) **No**Synergized Device **Yes**Application and Web Blocking **Yes**Web Content Filtering **Lite**IP Passthrough **Yes** ^[4]^[4] 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	No

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 or 20 ^[5]	[5] 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	Outdoor, IP67, Metal
4pin Molex Micro-Fit Connector	No
Terminal Block Power Connector for Mobile / Vehicular Deployment	Yes
AC Adapter or PSU	No
Input voltage	Power Port: DC 12–56V, PoE: DC 48–56V
PoE Input	No

PoE Output	1x 802.3at PoE+ ^[6]
USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	38W
Dimensions in inches	11.6 x 15.3 x 2.6 inches
Dimensions in mm	295 x 390 x 66 mm
Weight (Pound)	9.48 pounds
Weight (Gram / Kilogram)	4.3 kg
Operating Temperature	-40°–149°F, -40°–65°C
Humidity	15%–95% (non-condensing)
Rack-mount	No
Dual Hot Swap Power Supply	No

[6] Require PoE Activation Kit. Includes power supply and license to enable 802.3af PoE Output Ports. Also, 56V DC input required for PoE output.

Warranty Info

Warranty	1-Year Limited Warranty
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