



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	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	No
Wi-Fi WAN	No
USB WAN	No

Module Expansion **No**

Performance

Number of Recommended Users **25-150**

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 **2x CAT-4,
2x CAT-6,
1x CAT-6 + 1x CAT-12,
1x CAT-6 + 1x CAT-12 (FirstNet),
2x CAT-12 (FirstNet)**

5G support **No**

SIM Slots **2**

SIM Card Size **Mini-SIM (2FF)**

Wi-Fi Radio **No**

Wi-Fi Antenna Transmit Power (2.4GHz, single chain) **No**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **No**

Multiple SSIDs **No**

GPS **Yes**

RemoteSIM (used in SIM Injector) **Yes (HW4+)**

FusionSIM **Yes (HW4+)**

Peplink eSIM Data Plans **No**

BYO eSIM **No**

Features

SpeedFusion Hot Failover	Yes
SpeedFusion Smoothing	Yes
SpeedFusion Bandwidth Bonding	Yes
SpeedFusion Connect	Yes ^[3]
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]
IPv6	Yes
x.509 Certificate	Yes

[3] CarePlan subscription includes 1TB/year complimentary SpeedFusion Connect Usage data.

[4] Available for Firmware 8.5.0 or above.

Captive Portal	Yes
GPIO	No
Ignition Sensing	No
Netflow Support	No
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 **PoE: DC 48–56V, AC 100–240V, DC 12–56V**

PoE Input	Yes ^[6]	[6] 1x 802.3at PoE+
PoE Output	1x 802.3at PoE+ ^[7]	[7] Require PoE Activation Kit. Includes power supply and license to enable 802.3af PoE Output Ports.
USB Power Input	No	
Nominal Power Consumption	NA	
Maximum Power Consumption	25W	
Dimensions in inches	9.0 x 12.2 x 2.6 inches	
Dimensions in mm	230 x 310 x 66 mm	
Weight (Pound)	5.84 pounds	
Weight (Gram / Kilogram)	2.65 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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