



Quick Look

Number of Ethernet WAN port	2-5 (GE) ^[1]	[1] Extra WAN requires WAN port activation license (MAX-HD4-LC-5WAN).
Number of Ethernet LAN port	5-8 (GE)	
Router Throughput	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 (No Encryption)	150Mbps ^[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)	120Mbps ^[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	4	

Interfaces

Maximum Ethernet WAN / LAN port configuration	5 WAN with 5 LAN, 2 WAN with 8 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	Yes
USB WAN	Yes (1x USB)

Module Expansion **No**

Performance

Number of Recommended Users **50–500**

Maximum Number of Controlled AP / Switch **30 / 50** ^[3]

[3] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options **2x CAT-4,
2x CAT-6**

5G support **No**

SIM Slots **8**

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

Wi-Fi Radio **Dual (2.4GHz + 5GHz),
2x2 Wi-Fi 5**

Wi-Fi Antenna Transmit Power (2.4GHz, single chain) **23dBm**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **21dBm**

Multiple SSIDs **16**

GPS **Yes**

RemoteSIM (used in SIM Injector) **No**

FusionSIM **No**

Peplink eSIM Data Plans **No**

BYO eSIM **No**

Features

SpeedFusion Hot Failover	Yes
SpeedFusion Smoothing	Yes
SpeedFusion Bandwidth Bonding	Yes
SpeedFusion Connect	Yes
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 ^[4]
Synergy Mode (Controller)	Yes
Synergized Device	Yes
Application and Web Blocking	Yes
Web Content Filtering	Lite
IP Passthrough	Yes ^[5]
IPv6	Yes
x.509 Certificate	Yes
Captive Portal	Yes

[4] Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.

[5] Available for Firmware 8.5.0 or above.

GPIO	No
Ignition Sensing	No
Netflow Support	Yes
LACP (802.3ad) NIC Bonding	No
Jumbo Frame Support	No
Internal Storage for Edge Computing	Yes
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 ^[6]	[6] 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 12V 4.2A	
Input voltage	DC 12–56V	
PoE Input	No	
PoE Output	Up to 8x 802.3af 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	38W (w/o PoE)
Dimensions in inches	1.9 x 11.5 x 6.9 inches
Dimensions in mm	50 x 292 x 177 mm
Weight (Pound)	4.20 pounds
Weight (Gram / Kilogram)	1.9 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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