



Quick Look

Number of Ethernet WAN port	2 (GE)	
Number of Ethernet LAN port	7 (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	4	

Interfaces

Maximum Ethernet WAN / LAN port configuration	2 WAN with 7 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	Yes
USB WAN	Yes (1x USB)

Module Expansion	No
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Performance

Number of Recommended Users	50-500	
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	4x CAT-12, 2x 5G	
5G support	Yes	
SIM Slots	4 + 4 redundant slots	
SIM Card Size	Nano-SIM (4FF)	
Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 5	
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	24dBm	
Wi-Fi Antenna Transmit Power (5GHz, single chain)	21dBm	
Multiple SSIDs	16	
GPS	Yes	
RemoteSIM (used in SIM Injector)	Yes	
FusionSIM	Yes	
Peplink eSIM Data Plans	Yes [3]	[3] Require Firmware 8.3.0 or above.
BYO eSIM	Yes [4]	[4] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover **Yes**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 3 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
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GPIO	No
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Ignition Sensing	No
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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	Optional ^[9]
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[9] Please contact Peplink Business Development team for details.

External Storage via USB Port	Yes ^[10]
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[10] 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
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Number of SpeedFusion VPN Peers	3 or 20 ^[11]
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[11] 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
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Number of IPsec Tunnels	5
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L2TP VPN / Open VPN / PPTP VPN Server	Yes
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Maximum PPTP / L2TP / OpenVPN Users	15
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Remote RADIUS / LDAP authentication in Remote User Access	Yes
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Number of OpenVPN Tunnel (Site to Site)	5
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Number of GRE Tunnel (Site to Site)	5
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Hardware

Enclosure	Pelican case
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4pin Molex Micro-Fit Connector	No
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Terminal Block Power Connector for Mobile / Vehicular Deployment	No
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AC Adapter or PSU	No
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Input voltage	DC 12–56V, AC 100–240V
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PoE Input	No
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PoE Output	Up to 7x 802.3at PoE+
USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	38W (w/o PoE)
Dimensions in inches	19.78 x 15.77 x 7.41 inch
Dimensions in mm	502 x 401 x 188 mm
Weight (Pound)	34.53 pounds
Weight (Gram / Kilogram)	15.68 kg
Operating Temperature	-40°–113°F, -40°–45°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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