



Quick Look

Number of Ethernet WAN port	2 / 5 (GE) ^[1]	[1] If the WAN Activation License (BPL-ONE-LC-5WAN) is activated, Ethernet WAN port number is changed to 5, Ethernet LAN to 5, router Stateful Firewall becomes 400Mbps
Number of Ethernet LAN port	8 / 5 (GE) ^[2]	[2] If the WAN Activation License (BPL-ONE-LC-5WAN) is activated, Ethernet WAN port number is changed to 5, Ethernet LAN to 5, router Stateful Firewall becomes 400Mbps.
Router Throughput	600Mbps/, ^[3] 400Mbps	[3] If the WAN Activation License (BPL-ONE-LC-5WAN) is activated, Ethernet WAN port number is changed to 5, Ethernet LAN to 5, router Stateful Firewall becomes 400Mbps. 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)	60Mbps ^[4]	[4] 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)	30Mbps ^[4]	[4] 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	No	

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	No
USB WAN	Yes (1x USB)
Module Expansion	No

Performance

Maximum Number of Controlled AP / Switch	30 / 50 ^[5]	[5] 50 AP is available as a license add-on (AP-LC-50).
Number of Recommended Users	1-60	

Wireless details

Cellular Modem Category options	No
5G support	No
SIM Slots	No
SIM Card Size	No
Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 4
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	NA
Wi-Fi Antenna Transmit Power (5GHz, single chain)	NA
Multiple SSIDs	16
GPS	No
RemoteSIM (used in SIM Injector)	No
FusionSIM	No
Peplink eSIM Data Plans	No
BYO eSIM	No

Features

SpeedFusion Hot Failover	Yes ^[6]	[6] Require SpeedFusion Bonding License (BPL-ONE-LC-SF).
SpeedFusion Smoothing	Yes ^[6]	[6] Require SpeedFusion Bonding License (BPL-ONE-LC-SF).
SpeedFusion Bandwidth Bonding	Yes ^[6]	[6] Require SpeedFusion Bonding License (BPL-ONE-LC-SF).
SpeedFusion Connect	Yes ^[7]	[7] CarePlan subscription includes 500GB/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	Yes ^[8]	[8] 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	
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 & Failover	Yes
Load Balancing Algorithms	8
Inbound Load Balancing	No
InControl 2 Cloud Management	Yes
InControl GPS Fleet Management	No

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 5 or 20 ^[9]
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[9] PepVPN/SpeedFusion Peers license, it can change the maximum number of PepVPN/SpeedFusion peer.PVN-LC-05. Up to 5 PepVPN/SpeedFusion peers.PVN-LC-10. Up to 10 PepVPN/SpeedFusion peers.PVN-LC-20. Up to 20 PepVPN/SpeedFusion peers.

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	No
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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	Indoor, Metal
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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	12V 2A PSU (ACW-601)
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Input voltage	DC 12-24V
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PoE Input	No
PoE Output	No
USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	15W
Dimensions in inches	10.7 x 6.3 x 1.2 inches
Dimensions in mm	271 x 160 x 30 mm
Weight (Pound)	1.22 pounds
Weight (Gram / Kilogram)	560 grams
Operating Temperature	23°–113°F, -5°–45°C
Humidity	NA
Rack-mount	No
Dual Hot Swap Power Supply	No

Warranty Info

Warranty	1-Year Limited Warranty
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