



Quick Look

Number of Ethernet WAN port	1 / 0 (GE) ^[1]	[1] WAN port(s) can be configured as LAN port(s) via the Web Admin.
Number of Ethernet LAN port	3 / 4 (GE) ^[1]	[1] WAN port(s) can be configured as LAN port(s) via the Web Admin.
Router Throughput	1Gbps ^[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)	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 (256-bit AES)	200Mbps ^[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	1	

Interfaces

Maximum Ethernet WAN / LAN port configuration	1 WAN with 3 LAN, 0 WAN with 4 LAN
SFP LAN / WAN	No
Serial Interface	Yes (RS-232)
Wi-Fi AP	Yes
Wi-Fi WAN	Yes
USB WAN	No

Module Expansion	No
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Performance

Number of Recommended Users	25–150
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Maximum Number of Controlled AP / Switch	30 / 50 ^[3]
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[3] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options	1x 5G
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5G support	Yes
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SIM Slots	2
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SIM Card Size	Nano-SIM (4FF)
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Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 6
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Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	21dBm
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Wi-Fi Antenna Transmit Power (5GHz, single chain)	22dBm
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Multiple SSIDs	16
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GPS	Yes
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RemoteSIM (used in SIM Injector)	Yes
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FusionSIM	Yes
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Peplink eSIM Data Plans	Yes
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BYO eSIM	Yes
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Features

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

[4] PrimeCare subscription includes 1TB/year complimentary SpeedFusion Connect Usage data.

[5] 1 Virtual WAN complimentary with active PrimeCare. Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.

GPIO	Yes
Ignition Sensing	Yes
Netflow Support	Yes
LACP (802.3ad) NIC Bonding	Yes
Jumbo Frame Support	No
Internal Storage for Edge Computing	Yes (8GB) ^[6]
External Storage via USB Port	No
Dead Reckoning	Yes

[6] Support Application and Docker.

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 / 5 / 10 / 20 ^[7]	[7] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year. 10 or 20 SpeedFusion VPN peers can be enabled with software license.
IPsec VPN	Yes	
Number of IPsec Tunnels	5	
L2TP VPN / Open VPN / PPTP VPN Server	Yes	
Maximum PPTP / L2TP / OpenVPN Users	3	
Remote RADIUS / LDAP authentication in Remote User Access	No	
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	Yes	
Terminal Block Power Connector for Mobile / Vehicular Deployment	Yes	
AC Adapter or PSU	AC Input 100V–240V, DC Output 12V 2A	
Input voltage	DC 12–56V,	
PoE Input	No	
PoE Output	1x 802.3at PoE+ ^[8]	[8] Minimum of 44V power input is required to enable PoE Output.

USB Power Input	No
Nominal Power Consumption	12W
Maximum Power Consumption	20W
Dimensions in inches	6.3 x 4 x 1.7 inches
Dimensions in mm	160 x 101 x 43.5 mm
Weight (Pound)	2.1 pounds
Weight (Gram / Kilogram)	960 grams
Operating Temperature	-40°–158°F, -40°–70°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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