



Quick Look

Number of Ethernet WAN port	2 (2.5GE)	
Number of Ethernet LAN port	4 (10GE)	
Router Throughput	4Gbps ^[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)	1Gbps ^[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)	1Gbps ^[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	No	

Interfaces

Maximum Ethernet WAN / LAN port configuration	2 WAN with 4 LAN, 1 WAN with 5 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	No
Wi-Fi WAN	No
USB WAN	No

Module Expansion	No
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Performance

Maximum Number of Controlled AP / Switch	30 / 50 ^[2]	[2] 50 AP is available as a license add-on (AP-LC-50).
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Number of Recommended Users	50–500
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Wireless details

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

SpeedFusion Hot Failover	Yes
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SpeedFusion Smoothing **Yes**SpeedFusion Bandwidth Bonding **Yes**SpeedFusion Connect **Yes** ^[3]^[3] PrimeCare subscription includes 1TB/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** ^[4]^[4] 1 Virtual WAN complimentary with active PrimeCare. Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.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**

GPIO	Yes	
Ignition Sensing	Yes	
Netflow Support	Yes	
LACP (802.3ad) NIC Bonding	No	
Jumbo Frame Support	No	
Internal Storage for Edge Computing	Yes (8GB) ^[5]	[5] Support Application, Docker.
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	Yes
InControl 2 Cloud Management	Yes
InControl GPS Fleet Management	No

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 10 or 20 or 50 ^[6]	[6] Supports 2 peers by default. Capacity increases to 10 peers with an PrimeCare. Expansion to 20 or 50 peers is available via optional software licenses (PVN-LC-20 and SFN-LC-50).
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	Yes	
Terminal Block Power Connector for Mobile / Vehicular Deployment	No	
AC Adapter or PSU	54V 1.2A Power Supply	
Input voltage	DC 12–56V	
PoE Input	No	
PoE Output	Yes ^[7]	[7] 1x 802.3at 2.5GE WAN.A DC input voltage of 50V – 56V is required to enable PoE output.



USB Power Input	No	
Nominal Power Consumption	32W	
Maximum Power Consumption	39W ^[8]	[8] Maximum without PoE output
Dimensions in inches	10.2 x 6.3 x 1.34 inches	
Dimensions in mm	260 x 160 x 34 mm	
Weight (Pound)	2.89 pounds	
Weight (Gram / Kilogram)	1.31 kg	
Operating Temperature	32°–104 °F, 0°–40°C	
Humidity	10%–95% non-condensing	
Rack-mount	No	
Dual Hot Swap Power Supply	No	

Warranty Info

Warranty	1-Year Limited Warranty
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