



Quick Look

Number of Ethernet WAN port	1 (GE)	
Number of Ethernet LAN port	5 (GE)	
Router Throughput	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 (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	1	

Interfaces

Maximum Ethernet WAN / LAN port configuration	1 WAN with 5 LAN
SFP LAN / WAN	1x SFP WAN, 1x SFP LAN
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** ^[2] [2] 50 AP is available as a license add-on (AP-LC-50).

Number of Recommended Users **50-500**

Wireless details

Cellular Modem Category options **1x 5G**

5G support **Yes**

SIM Slots **2**

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) **21dBm**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **20dBm**

Multiple SSIDs **16**

GPS **No**

RemoteSIM (used in SIM Injector) **Yes**

FusionSIM **Yes**

Peplink eSIM Data Plans **Yes (HW2+)** ^[3] [3] Require Firmware 8.3.0 or above.

BYO eSIM **Yes (HW2+)** ^[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] 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 ^[6]	[6] 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	No	
Ignition Sensing	No	
Netflow Support	Yes	
LACP (802.3ad) NIC Bonding	Yes ^[7]	<small>[7] Require Firmware 8.4.1 or above.</small>
Jumbo Frame Support	No	
Internal Storage for Edge Computing	No	
External Storage via USB Port	Yes ^[8]	<small>[8] Require Firmware 8.4.0 or above. Support Docker.</small>
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 3 or 30** ^[9]

[9] 2 or 3 peers by default for PrimeCare or non-PrimeCare SKU respectively. For PrimeCare SKU, 30 peers requires PrimeCare Subscription, complimentary for the first year.

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 **No**

AC Adapter or PSU **12V 5A PSU**

Input voltage **DC 12V**

PoE Input **No**

PoE Output	No
USB Power Input	No
Nominal Power Consumption	17W
Maximum Power Consumption	40W
Dimensions in inches	9.9 x 7.1 x 2.0 inches
Dimensions in mm	253 x 180 x 50 mm
Weight (Pound)	3.6 pounds
Weight (Gram / Kilogram)	1.65 kg
Operating Temperature	32°–104 °F, 0°–40°C
Humidity	10%–85% (non-condensing)
Rack-mount	No
Dual Hot Swap Power Supply	No

Warranty Info

Warranty	1-Year Limited Warranty
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