



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	2	

Interfaces

Maximum Ethernet WAN / LAN port configuration	1 WAN with 5 LAN
SFP LAN / WAN	2x SFP LAN
Serial Interface	No
Wi-Fi AP	No
Wi-Fi WAN	No
USB WAN	Yes (1x USB)

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	1x 5G, 1x CAT-12
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5G support	Yes
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SIM Slots	4
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SIM Card Size	Nano SIM(4FF)
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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)	Yes
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FusionSIM	Yes
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Peplink eSIM Data Plans	Yes ^[3]	[3] Require Firmware 8.3.0 or above.
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BYO eSIM	Yes ^[4]	[4] Require Firmware 8.4.0 or above.
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Features

SpeedFusion Hot Failover	Yes
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SpeedFusion Smoothing	Yes
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SpeedFusion Bandwidth Bonding	Yes
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SpeedFusion Connect	Yes ^[5]
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[5] PrimeCare subscription includes 1TB/year complimentary SpeedFusion Connect Usage data.

SpeedFusion Relay Mode (Server)	Yes
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Drop-In Mode	Yes
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High Availability	Yes
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Peplink AP Series Management	Yes
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Remote AP & Multiple Config Profiles Management	No
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Switch Controller	Yes
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WAN as LAN	No
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LAN Bypass	No
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InTouch	Yes
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Virtual WAN	Yes ^[6]
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[6] 1 Virtual WAN complimentary with active PrimeCare. Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.

Synergy Mode (Controller)	Yes
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Synergized Device	Yes
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Application and Web Blocking	Yes
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Web Content Filtering	Full
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IP Passthrough	Yes
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IPv6	Yes
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x.509 Certificate	Yes
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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 ^[7]
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[7] Require Firmware 8.4.1 or above.

Jumbo Frame Support	No
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Internal Storage for Edge Computing	No
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External Storage via USB Port	Yes ^[8]
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[8] Require Firmware 8.4.0 or above. Support Docker.

Dead Reckoning	No
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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 & Failover	Yes
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Load Balancing Algorithms	8
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Inbound Load Balancing	Yes
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InControl 2 Cloud Management	Yes
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InControl GPS Fleet Management	No
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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	
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	252 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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