



Quick Look

Number of Ethernet WAN port	1 (GE)	
Number of Ethernet LAN port	4 (GE)	
Router Throughput	900Mbps ^[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)	100Mbps ^[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)	60Mbps ^[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 / 2 ^[4]	[4] Equipped with 1 built-in Cellular module. Add 1 cellular WAN using FlexModule Mini.

Interfaces

Maximum Ethernet WAN / LAN port configuration	1 WAN with 4 LAN	
SFP LAN / WAN	No	
Serial Interface	No	
Wi-Fi AP	Yes	
Wi-Fi WAN	Yes ^[1]	[1] Require Firmware 8.3.0 or above and PrimeCare Subscription.
USB WAN	Yes (1x USB)	

Module Expansion **Yes (1 slot for FlexModule Mini)**

Performance

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

Number of Recommended Users **1-60**

Wireless details

Cellular Modem Category options **1x CAT-4,
1x CAT-6,
1x CAT-7,
1x CAT-12 (With FlexModule Mini),
1x CAT-18 (With FlexModule Mini),
1x CAT-20 (With FlexModule Mini),
1x 5G (With FlexModule Mini)**

5G support **Yes**

SIM Slots **Up to 4** ^[5] [5] 2 SIM slot by default. 2 extra SIM slots are added with the FlexModule Mini.Balance 20X support a expansion module with 1x Cellular modem.

SIM Card Size **Mini-SIM (2FF)**

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 **Yes**

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

FusionSIM **Yes**

Peplink eSIM Data Plans **Yes (HW3+)** ^[6] [6] Require Firmware 8.3.0 or above and supported for selected SKU.

BYO eSIM **Yes (HW3+)** ^[7] [7] Require Firmware 8.4.0 or above and supported for selected SKU.

Features

SpeedFusion Hot Failover **Yes** ^[8] [8] Require PrimeCare Subscription, complimentary for the first year.

SpeedFusion Smoothing **Yes** ^[8] [8] Require PrimeCare Subscription, complimentary for the first year.

SpeedFusion Bandwidth Bonding **Yes** ^[8] [8] Require PrimeCare Subscription, complimentary for the first year.

SpeedFusion Connect **Yes** ^[9] [9] PrimeCare 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 **No**

LAN Bypass **No**

InTouch **Yes**

Virtual WAN **Yes** ^[10] [10] 1 Virtual WAN complimentary with active PrimeCare. Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.

Synergy Mode (Controller) **Yes**

Synergized Device **No**

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	16
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	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
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Number of SpeedFusion VPN Peers	2 or 5 ^[11]
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[11] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year.

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 3A PSU (ACW-602)
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Input voltage	DC 10–30V
PoE Input	No
PoE Output	No
USB Power Input	No
Nominal Power Consumption	6.8W
Maximum Power Consumption	28W
Dimensions in inches	6.3 x 10.3 x 1.3 inches
Dimensions in mm	160 x 262 x 33 mm
Weight (Pound)	1.74 pounds
Weight (Gram / Kilogram)	670 grams
Operating Temperature	14°–113°F, -10°–45°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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