



Quick Look

Number of Ethernet WAN port	2 (GE)	
Number of Ethernet LAN port	9 (GE)	
Router Throughput	2.5Gbps ^[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	2 WAN with 9 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	No
Wi-Fi WAN	No
USB WAN	Yes (2x USB)

Module Expansion	Yes (Expansion Module for Balance 310X)
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Performance

Maximum Number of Controlled AP / Switch	50
Number of Recommended Users	50-500

Wireless details

Cellular Modem Category options	1x CAT-12, 1x CAT-20, 1x 5G	
5G support	Yes	
SIM Slots	2	
SIM Card Size	Mini-SIM (2FF)	
Wi-Fi Radio	No	
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	No	
Wi-Fi Antenna Transmit Power (5GHz, single chain)	No	
Multiple SSIDs	No	
GPS	No	
RemoteSIM (used in SIM Injector)	Yes	
FusionSIM	Yes	
Peplink eSIM Data Plans	Yes (HW3+) ^[2]	^[2] Require Firmware 8.3.0 or above and supported for selected SKU.
BYO eSIM	Yes (HW3+) ^[3]	^[3] Require Firmware 8.4.0 or above and supported for selected SKU.

Features

SpeedFusion Hot Failover **Yes**SpeedFusion Smoothing **Yes**SpeedFusion Bandwidth Bonding **Yes**SpeedFusion Connect **Yes** ^[4]^[4] CarePlan 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 **Yes**Switch Controller **Yes**WAN as LAN **No**LAN Bypass **No**InTouch **Yes**Virtual WAN **Yes** ^[5]^[5] Up to 10 Virtual WAN if 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
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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 ^[6]
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[6] Require Firmware 8.4.1 or above.

Jumbo Frame Support	Yes
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Internal Storage for Edge Computing	No
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External Storage via USB Port	Yes ^[7]
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[7] 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	1024
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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
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Number of SpeedFusion VPN Peers	3 or 30 or 50 ^[8]
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[8] With purchase of optional SpeedFusion License (SFN-LC-30 / SFN-LC-50) can connect to up to 30 / 50 SpeedFusion VPN peers respectively.

IPsec VPN	Yes
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Number of IPsec Tunnels	40
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L2TP VPN / Open VPN / PPTP VPN Server	Yes
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Maximum PPTP / L2TP / OpenVPN Users	50
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Remote RADIUS / LDAP authentication in Remote User Access	Yes
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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	24V 2.5A (ACW-647)
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Input voltage	DC 12–30V
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PoE Input	No
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PoE Output	No
USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	30W
Dimensions in inches	1.7 x 11.5 x 7.0 inches
Dimensions in mm	43 x 292 x 177 mm
Weight (Pound)	7.28 pounds
Weight (Gram / Kilogram)	3.3 kg
Operating Temperature	-40°–149°F, -40°–65°C
Humidity	15%–95% (non-condensing)
Rack-mount	1U
Dual Hot Swap Power Supply	No

Warranty Info

Warranty	1-Year Limited Warranty
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