



Quick Look

Number of Ethernet WAN port	0–16 (GE) ^[1]	^[1] GE Ports can be configured as LAN or WAN.
Number of Ethernet LAN port	0–16 (GE) ^[1]	^[1] GE Ports can be configured as LAN or WAN.
Router Throughput	30Gbps ^[4]	^[4] 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)	10Gbps ^[4]	^[4] 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)	10Gbps ^[4]	^[4] 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	16 WAN with 0 LAN, 0 WAN with 16 LAN	
SFP LAN / WAN	2 (10G SFP+) WAN , ^[2] 2 (10G SFP+) LAN	^[2] SFP ports can be configured as LAN or WAN.
Serial Interface	No	
Wi-Fi AP	No	
Wi-Fi WAN	No	

USB WAN	Yes (1x USB) ^[3]
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[3] 2x USB port but only one USB WAN port can be used at a time.

Module Expansion	No
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Performance

Maximum Number of Controlled AP / Switch	2000
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Number of Recommended Users	10000–20000+
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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**SpeedFusion Smoothing **Yes**SpeedFusion Bandwidth Bonding **Yes**SpeedFusion Connect **Yes** ^[5]^[5] CarePlan subscription includes 2.5TB/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 **Yes**LAN Bypass **Yes**InTouch **Yes**Virtual WAN **Yes** ^[6]^[6] Up to 40 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** ^[7]^[7] Support IP Passthrough mode.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
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Jumbo Frame Support	Yes
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Internal Storage for Edge Computing	Yes (1TB) ^[8]
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^[8] Support Application, KVM, Docker.

External Storage via USB Port	Yes ^[9]
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^[9] Require Firmware 8.4.0 or above. Support Docker and KVM.

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	4000
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IPsec VPN	Yes
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Number of IPsec Tunnels	1000
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L2TP VPN / Open VPN / PPTP VPN Server	Yes
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Maximum PPTP / L2TP / OpenVPN Users	1000
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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	2x Power Cord (ACW-614)
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Input voltage	AC 100–240V
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PoE Input	No
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PoE Output	No
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USB Power Input	No
Nominal Power Consumption	65W
Maximum Power Consumption	150W
Dimensions in inches	17.2 x 18.5 x 1.7 inches
Dimensions in mm	438 x 470 x 44mm
Weight (Pound)	19.2 pounds
Weight (Gram / Kilogram)	8.7 kg
Operating Temperature	32°–104 °F, 0°–40°C
Humidity	10%–90% (non-condensing)
Rack-mount	1U
Dual Hot Swap Power Supply	Yes

Warranty Info

Warranty	1-Year Limited Warranty
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