



Quick Look

Number of Ethernet WAN port	12 (GE)	
Number of Ethernet LAN port	8 (GE)	
Router Throughput	8Gbps ^[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)	2Gbps ^[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)	2Gbps ^[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	No	

Interfaces

Maximum Ethernet WAN / LAN port configuration	12 WAN with 8 LAN, 2 WAN with 18 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	No
Wi-Fi WAN	No
USB WAN	Yes (1x USB)

Module Expansion **No**

Performance

Maximum Number of Controlled AP / Switch **2000**

Number of Recommended Users **5000-20000+**

Wireless details

Cellular Modem Category options **No**

5G support **No**

SIM Slots **No**

SIM Card Size **No**

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) **No**

FusionSIM **No**

Peplink eSIM Data Plans **No**

BYO eSIM **No**

Features

SpeedFusion Hot Failover **Yes**

SpeedFusion Smoothing	Yes
SpeedFusion Bandwidth Bonding	Yes
SpeedFusion Connect	Yes ^[2]
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 ^[3]
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

[2] CarePlan subscription includes 2.5TB/year complimentary SpeedFusion Connect Usage data.

[3] Up to 3 Virtual WAN if purchasing Virtual WAN Activation Licence.

GPIO	No
Ignition Sensing	No
Netflow Support	Yes
LACP (802.3ad) NIC Bonding	Yes
Jumbo Frame Support	Yes
Internal Storage for Edge Computing	No
External Storage via USB Port	Yes ^[4]
Dead Reckoning	No

[4] Require Firmware 8.4.0 or above. Support Docker.

Core Functionality

Inter-VLAN Routing	Yes
802.1q VLANs Supported	1024
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	4000
IPsec VPN	Yes
Number of IPsec Tunnels	1000
L2TP VPN / Open VPN / PPTP VPN Server	Yes
Maximum PPTP / L2TP / OpenVPN Users	1000
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	2x Power Cord (ACW-614)
Input voltage	AC 100–240V
PoE Input	No
PoE Output	No
USB Power Input	No

Nominal Power Consumption	230W
Maximum Power Consumption	275W
Dimensions in inches	16.8 x 21.7 x 1.73 inches
Dimensions in mm	426 x 550 x 44 mm
Weight (Pound)	26.5 pounds
Weight (Gram / Kilogram)	12 kg
Operating Temperature	32°–104 °F, 0°–40°C
Humidity	NA
Rack-mount	1U
Dual Hot Swap Power Supply	Yes

Warranty Info

Warranty	1-Year Limited Warranty
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