



Quick Look

Number of Ethernet WAN port	2 (GE)	
Number of Ethernet LAN port	4 (GE)	
Router Throughput	400Mbps ^[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)	120Mbps ^[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)	55Mbps ^[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 4 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	No
USB WAN	Yes (1x USB)

Module Expansion **No**

Performance

Maximum Number of Controlled AP / Switch **30 / 50** ^[2] [2] 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-6**

5G support **No**

SIM Slots **No**

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) **NA**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **NA**

Multiple SSIDs **16**

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 ^[3]	[3] Require SpeedFusion Bonding licenseBalance 30 Pro, BPL-031-PRO-LC-SF. SpeedFusion Bonding License Key.
SpeedFusion Bandwidth Bonding	Yes ^[3]	[3] Require SpeedFusion Bonding licenseBalance 30 Pro, BPL-031-PRO-LC-SF. SpeedFusion Bonding License Key.
SpeedFusion Connect	Yes ^[4]	[4] CarePlan 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 ^[5]	[5] Up to 3 Virtual WAN if purchasing Virtual WAN Activation Licence.
Synergy Mode (Controller)	Yes	
Synergized Device	Yes	
Application and Web Blocking	Yes	
Web Content Filtering	No	
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	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	3 or 5 ^[6]	[6] PepVPN/SpeedFusion Peers license, it can change the maximum number of PepVPN/SpeedFusion peer.Balance 30 Pro, PVN-LC-05. Up to 5 PepVPN/SpeedFusion peers.
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	No	
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 3A PSU (ACW-602)	
Input voltage	DC 10–56V	
PoE Input	No	
PoE Output	Yes ^[7]	[7] Require PoE Activation Kit. Includes power supply and license to enable 802.3af PoE Output Ports.Needs at least 48V of input for PoE output.

USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	28W
Dimensions in inches	10.2 x 5.6 x 1.6 inches
Dimensions in mm	260 x 143 x 40 mm
Weight (Pound)	2.2 pounds
Weight (Gram / Kilogram)	1 kg
Operating Temperature	-40°-149°F, -40°-65°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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