





## Quick Look

- Number of Ethernet WAN port  
2 (GE)
- Number of Ethernet LAN port  
4 (GE)
- Router Throughput  
400Mbps
- SpeedFusion VPN Throughput (No Encryption)  
120Mbps
- SpeedFusion VPN Throughput (256-bit AES)  
55Mbps
- 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 AP Supported  
30 / 50  
[1]  
[1] 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  
[2]  
[2] Require SpeedFusion Bonding licenseBalance 30 Pro, BPL-031-PRO-LC-SF. SpeedFusion Bonding License Key.  
SpeedFusion Bandwidth Bonding  
Yes  
[2]  
[2] Require SpeedFusion Bonding licenseBalance 30 Pro, BPL-031-PRO-LC-SF. SpeedFusion Bonding License Key.  
SpeedFusion Connect  
Yes  
[3]  
[3] 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  
WAN as LAN  
No  
LAN Bypass  
No  
InTouch  
Yes  
Virtual WAN  
Yes  
[4]  
[4] 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  
GPIO  
No  
Captive Portal  
Yes  
Ignition Sensing  
No  
Netflow support  
Yes  
LACP (802.3ad) NIC Bonding  
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  
[5]  
[5] 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  
[6]  
[6] 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