



Quick Look

Number of Ethernet WAN port	1 / 0 (2.5G) ^[1]	[1] WAN port(s) can be configured as LAN port(s) via the Web Admin. Ethernet ports include surge and ESD protection circuits to protect against over-voltage transients.
Number of Ethernet LAN port	2 / 3 (GE) ^[1]	[1] WAN port(s) can be configured as LAN port(s) via the Web Admin. Ethernet ports include surge and ESD protection circuits to protect against over-voltage transients.
Router Throughput	1Gbps ^[2]	[2] 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)	400Mbps ^[2]	[2] 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)	200Mbps ^[2]	[2] 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	1 WAN with 2 LAN, 0 WAN with 3 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	Yes

USB WAN **No**

Module Expansion **No**

Performance

Number of Recommended Users **1-150**

Maximum Number of Controlled AP / Switch **30 / 50** ^[3] [3] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options **1x 5G**

5G support **Yes**

SIM Slots **2**

SIM Card Size **Nano-SIM (4FF)**

Wi-Fi Radio **Dual (2.4GHz + 5GHz),
2x2 Wi-Fi 6**

Wi-Fi Antenna Transmit Power (2.4GHz, single chain) **24dBm**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **26dBm**

Multiple SSIDs **16**

GPS **Yes**

RemoteSIM (used in SIM Injector) **Yes (HW2+)**

FusionSIM **Yes (HW2+)**

Peplink eSIM Data Plans **Yes** ^[4] [4] Require Firmware 8.3.0 or above.

BYO eSIM **Yes** ^[5] [5] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover	Yes	
SpeedFusion Smoothing	Yes	
SpeedFusion Bandwidth Bonding	Yes	
SpeedFusion Connect	Yes ^[6]	[6] PrimeCare 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	No	
Switch Controller	Yes	
WAN as LAN	Yes	
LAN Bypass	No	
InTouch	Yes	
Virtual WAN	Yes ^[7]	[7] 1 Virtual WAN complimentary with active PrimeCare. Up to 3 Virtual WAN upon 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	No	
x.509 Certificate	Yes ^[8]	[8] Require IPsec X.509 Certificate License Key.

Captive Portal	Yes	
GPIO	Yes	
Ignition Sensing	Yes	
Netflow Support	Yes	
LACP (802.3ad) NIC Bonding	Yes ^[9]	[9] Require Firmware 8.4.1 or above.
Jumbo Frame Support	No	
Internal Storage for Edge Computing	Yes (8GB) (HW3) ^[10]	[10] Support Application and Docker.
External Storage via USB Port	No	
Dead Reckoning	Yes	

Core Functionality

Inter-VLAN Routing	Yes
802.1q VLANs Supported	16
Port-Based VLAN	Yes
Load Balancing Algorithms	8
Load Balancing & Failover	Yes
Inbound Load Balancing	No
InControl 2 Cloud Management	Yes
InControl GPS Fleet Management	Yes

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 **2 / 5 / 10 / 20** ^[11]

[11] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year. 10 or 20 SpeedFusion VPN peers can be enabled with software license (PVN-LC-10 and PVN-LC-20).

IPsec VPN **Yes**

Number of IPsec Tunnels **5**

L2TP VPN / Open VPN / PPTP VPN Server **Yes**

Maximum PPTP / L2TP / OpenVPN Users **3**

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 **Yes**

Terminal Block Power Connector for Mobile / Vehicular Deployment **No**

AC Adapter or PSU **AC Input 100V–240V, ^[12] DC Output 12V 2A**

[12] Compatible with ACW-632.

Input voltage **DC 10–30V**

PoE Input	Yes (HW3) ^[13]	[13] 1x 802.3at PoE.
PoE Output	No	
USB Power Input	No	
Nominal Power Consumption	8W	
Maximum Power Consumption	19W	
Dimensions in inches	5.78 x 5.08 x 1.15 inches (HW1-2), 5.78 x 5.68 x 1.15 inches (HW3)	
Dimensions in mm	146.8 x 129 x 29.3 mm (HW1-2), 146.8 x 144.3 x 29.3 mm (HW3)	
Weight (Pound)	1.5 pounds (HW1-2), 1.59 pounds (HW3)	
Weight (Gram / Kilogram)	680 grams (HW1-2), 720 grams (HW3)	
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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