



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
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Module Expansion	No
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Performance

Number of Recommended Users	1–150
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Maximum Number of Controlled AP / Switch	30 / 50 ^[3]	[3] 50 AP is available as a license add-on (AP-LC-50).
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Wireless details

Cellular Modem Category options	1x 5G
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5G support	Yes
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SIM Slots	2
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SIM Card Size	Nano-SIM (4FF)
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Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 6
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Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	24dBm
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Wi-Fi Antenna Transmit Power (5GHz, single chain)	26dBm
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Multiple SSIDs	16
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GPS	Yes
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RemoteSIM (used in SIM Injector)	Yes (HW2+)
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FusionSIM	Yes (HW2+)
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Peplink eSIM Data Plans	Yes ^[4]	[4] Require Firmware 8.3.0 or above.
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BYO eSIM	Yes ^[5]	[5] Require Firmware 8.4.0 or above.
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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
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GPIO	Yes
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Ignition Sensing	Yes
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Netflow Support	Yes
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LACP (802.3ad) NIC Bonding	Yes ^[9]
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[9] Require Firmware 8.4.1 or above.

Jumbo Frame Support	No
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Internal Storage for Edge Computing	Yes (8GB) (HW3) ^[10]
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[10] Support Application and Docker.

External Storage via USB Port	No
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Dead Reckoning	Yes
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Core Functionality

Inter-VLAN Routing	Yes
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802.1q VLANs Supported	16
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Port-Based VLAN	Yes
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Load Balancing Algorithms	8
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Load Balancing & Failover	Yes
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Inbound Load Balancing	No
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InControl 2 Cloud Management	Yes
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InControl GPS Fleet Management	Yes
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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	2 / 5 / 10 / 20 ^[11]
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[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
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Number of IPsec Tunnels	5
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L2TP VPN / Open VPN / PPTP VPN Server	Yes
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Maximum PPTP / L2TP / OpenVPN Users	3
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Remote RADIUS / LDAP authentication in Remote User Access	No
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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	Yes
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Terminal Block Power Connector for Mobile / Vehicular Deployment	No
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AC Adapter or PSU	AC Input 100V–240V, ^[12] DC Output 12V 2A
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[12] Compatible with ACW-632.

Input voltage	DC 10–30V
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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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