





Quick Look

- Number of Ethernet WAN port
0 / 1 (FE)
[1]
- [1] Require PrimeCare Subscription, complimentary for the first year.
- Number of Ethernet LAN port
3 / 2 (FE)
[1]
- [1] Require PrimeCare Subscription, complimentary for the first year.
- Router Throughput
100Mbps
- SpeedFusion VPN Throughput (No Encryption)
40Mbps
- SpeedFusion VPN Throughput (256-bit AES)
20Mbps
- 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
Yes
- Wi-Fi AP
Yes
- Wi-Fi WAN
Yes
- USB WAN
No
- Module Expansion

No

Performance

Number of Recommended Users

1–60

Maximum Number of AP Supported

No

Wireless details

Cellular Modem Category options

1x CAT-4

5G support

No

SIM Slots

2

SIM Card Size

Mini-SIM (2FF)

Wi-Fi Radio

Single (2.4GHz), 1x1 Wi-Fi 4

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

23dBm

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

No

Multiple SSIDs

16

GPS

Yes

RemoteSIM (used in SIM Injector)

Yes

FusionSIM

Yes

Peplink eSIM Data Plans

No

BYO eSIM

No

Features

SpeedFusion Hot Failover

Yes

[1]

[1] Require PrimeCare Subscription, complimentary for the first year.

SpeedFusion Smoothing

Yes

[2]

[2] Requires PrimeCare Subscription, complimentary for the first year.

SpeedFusion Bandwidth Bonding

Yes

[3]

[3] Available for Firmware 8.4.0 or above and requires PrimeCare Subscription, complimentary for the first year.

SpeedFusion Connect

Yes

[4]

[4] PrimeCare subscription includes 500 GB/year complimentary SpeedFusion Connect Usage data.

SpeedFusion Relay Mode (Server)

Yes

Drop-In Mode

Yes

High Availability
Yes
Peplink AP Series Management
No
Remote AP & Multiple Config Profiles Management
No
WAN as LAN
Yes
LAN Bypass
No
InTouch
Yes
Virtual WAN
No
Synergy Mode (Controller)
No
Synergized Device
Yes
Application and Web Blocking
Yes
Web Content Filtering
Lite
IP Passthrough
Yes
IPv6
No
x.509 Certificate
No
Captive Portal
Yes
GPIO
Yes
Ignition Sensing
Yes
Netflow support
No
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 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 or 5
[5]
[5] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year.
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
Compact, Indoor Metal
4pin Molex Micro-Fit Connector
Yes
Terminal Block Power Connector for Mobile / Vehicular Deployment
No
AC Adapter or PSU
12V 2A 4-Pin Power Supply
[6]
[6] ACW-632 needs to be purchased separately.
Input voltage
DC 12–28V
PoE Input
Yes
[7]
[7] 12V-28V DC Passive PoE.
PoE Output
No
USB Power Input
No
Nominal Power Consumption
NA

Maximum Power Consumption
12W
Dimensions in inches
4.3 x 4.2 x 1.4 inches
Dimensions in mm
110 x 107 x 35 mm
Weight (Pound)
0.54 pound
Weight (Gram / Kilogram)
244 grams
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