





Quick Look

- Number of Ethernet WAN port
6–8 (2.5GE)
[1]
[1] WAN 3-8 are configured as WAN ports ; LAN 1-2 are configured as LAN ports. WAN/LAN Configuration is changeable on the Web Admin.
- Number of Ethernet LAN port
3–9 (2.5GE)
[1]
[1] WAN 3-8 are configured as WAN ports ; LAN 1-2 are configured as LAN ports. WAN/LAN Configuration is changeable on the Web Admin.
- Router Throughput
110Gbps
- SpeedFusion VPN Throughput (No Encryption)
30Gbps
- SpeedFusion VPN Throughput (256-bit AES)
30Gbps
- Number of Cellular Modem
No

Interfaces

- Maximum Ethernet WAN / LAN port configuration
8 WAN with 1 LAN, 0 WAN with 9 LAN
- SFP LAN / WAN
2x (25G SFP28) WAN, 2x (25G SFP28) LAN, 1x (100G QSFP28) WAN, 1x (100G QSFP28) LAN
[2]
[2] SFP+ 1,2, QSFP28-2 are configured as WAN ports ; SFP28 3,4, QSFP28-1 are configured as LAN ports. WAN/LAN Configuration is changeable on the Web Admin.
- Serial Interface
No
- Wi-Fi AP
No

Wi-Fi WAN
No
USB WAN
Yes (2x USB)
Module Expansion
No

Performance

Maximum Number of AP Supported
2000
Number of Recommended Users
10000–20000+

Wireless details

Cellular Modem Category options
No
5G support
No
SIM Slots
No
SIM Card Size
No
Wi-Fi Radio
No
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)
No
Wi-Fi Antenna Transmit Power (5GHz, single chain)
No
Multiple SSIDs
No
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
SpeedFusion Bandwidth Bonding
Yes
SpeedFusion Connect
Yes
[3]
[3] CarePlan subscription includes 2.5TB/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

Yes

WAN as LAN

Yes

LAN Bypass

Yes

[4]

[4] LAN Bypass is available for Internet traffic from LAN 1 to WAN 3 and from LAN 2 to WAN 4.

InTouch

Yes

Virtual WAN

Yes

[5]

[5] Up to 40 Virtual WAN if 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

Yes

x.509 Certificate

Yes

GPIO

No

Captive Portal

Yes

Ignition Sensing

No

Netflow support

Yes

LACP (802.3ad) NIC Bonding

Yes

Internal Storage for Edge Computing

Yes (2x 1TB)

[6]

[6] Support Application, Docker, KVM.

External Storage via USB Port

Yes

[7]

[7] Require Firmware 8.4.0 or above. Support Docker and KVM.

Dead Reckoning

No

Core Functionality

Inter-VLAN Routing

Yes

802.1q VLANs Supported

2048

Port-Based VLAN

Yes

Load Balancing & Failover

Yes
Load Balancing Algorithms
8
Inbound Load Balancing
Yes
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
4000
IPsec VPN
Yes
Number of IPsec Tunnels
800
L2TP VPN / Open VPN / PPTP VPN Server
Yes
Maximum PPTP / L2TP / OpenVPN Users
1000
Remote RADIUS / LDAP authentication in Remote User Access
Yes
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
2x Power Cord (ACW-654)
Input voltage
AC 110–220V
PoE Input
No
PoE Output
No
USB Power Input
No
Nominal Power Consumption
203W

Maximum Power Consumption
595W
Dimensions in inches
17.2 x 25.6 x 1.73 inches
Dimensions in mm
438 x 650 x 44 mm
Weight (Pound)
52.8 pounds
Weight (Gram / Kilogram)
24 kg
Operating Temperature
32°–104 °F, 0°–40°C
Humidity
5%–95% (non-condensing)
Rack-mount
1U
Dual Hot Swap Power Supply
Yes

Warranty Info

Warranty
1-Year Limited Warranty