Tech Specs | Enterprise Mobility • PDX

Quick Look

Number of Ethernet WAN port
2 (GE)
Number of Ethernet LAN port
7 (GE)
Router Throughput
2.5Gbps
SpeedFusion VPN Throughput (No Encryption)
600Mbps
SpeedFusion VPN Throughput (256-bit AES)
500Mbps
Number of Cellular Modem
4

Interfaces

Maximum Ethernet WAN / LAN port configuration
2 WAN with 7 LAN
SFP LAN / WAN
No
Serial Interface
No
Wi-Fi AP
Yes
Wi-Fi WAN
Yes
USB WAN
Yes (1x USB)
Module Expansion
No

Performance

Number of Recommended Users

50-500

Maximum Number of AP Supported

30 / 50

[1]

[1] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options

4x CAT-12, 2x 5G

5G support

Yes

SIM Slots

4 + 4 redundant slots

SIM Card Size

Nano-SIM (4FF)

Wi-Fi Radio

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

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

24dBm

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

21dBm

Multiple SSIDs

16

GPS

Yes

RemoteSIM (used in SIM Injector)

Yes

FusionSIM

Yes

Peplink eSIM Data Plans

Yes

[2]

[2] Require Firmware 8.3.0 or above.

BYO eSIM

Yes

[3]

[3] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover

Yes

SpeedFusion Smoothing

Yes

SpeedFusion Bandwidth Bonding

Yes

SpeedFusion Connect

Yes

[4]

[4] 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

No
WAN as LAN
No
LAN Bypass
No
InTouch
Yes
Virtual WAN
Yes
[5]
[5] 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
Lite
IP Passthrough
Yes
[6]
[6] Available for Firmware 8.5.0 or above.
IPv6
Yes
x.509 Certificate
Yes
Captive Portal
Yes
GPIO
No
Ignition Sensing
No
Netflow support
Yes
LACP (802.3ad) NIC Bonding
Yes
[7]
[7] Require Firmware 8.4.1 or above.
Internal Storage for Edge Computing
Optional
[8]
[8] Please contact Peplink Business Development team for details.
External Storage via USB Port
Yes
[9]
[9] Support Docker.
Dead Reckoning
Yes

Core Functionality

Inter-VLAN Routing
Yes
802.1q VLANs Supported
128
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
3 or 20
[10]
[10] Require license to increase maximum number of PepVPN/SpeedFusion Peers. Several option are available based on the model 5, 10 or 20 peers (PVN-LC-05, PVN-LC-10, PVN-LC-20).
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
Yes
Number of OpenVPN Tunnel (Site to Site)
5
Number of GRE Tunnel (Site to Site)
5

Hardware

Enclosure
Pelican case
4pin Molex Micro-Fit Connector
No
Terminal Block Power Connector for Mobile / Vehicular Deployment
No
AC Adapter or PSU
No
Input voltage
DC 12–56V, AC 100–240V
PoE Input
No
PoE Output
Up to 7x 802.3at PoE+
USB Power Input
No
Nominal Power Consumption

NA
Maximum Power Consumption
38W (w/o PoE)
Dimensions in inches
19.78 x 15.77 x 7.41 inch
Dimensions in mm
502 x 401 x 188 mm
Weight (Pound)
34.53 pounds
Weight (Gram / Kilogram)
15.68 kg
Operating Temperature
-40°–113°F, -40°–45°C
Humidity
15%–95% (non-condensing)
Rack-mount
No
Dual Hot Swap Power Supply
No

Warranty Info

Warranty
1-Year Limited Warranty