Tech Specs | Enterprise Legacy • Balance ONE Core

# Quick Look

Number of Ethernet WAN port
2 / 5 (GE)
[1]
[1] If the WAN Activation License (BPL-ONE-LC-5WAN) is activated, Ethernet WAN port number is changed to 5, Ethernet LAN to 5, router Stateful Firewall becomes 400Mbps.
Number of Ethernet LAN port
8 / 5 (GE)
[1]
[1] If the WAN Activation License (BPL-ONE-LC-5WAN) is activated, Ethernet WAN port number is changed to 5, Ethernet LAN to 5, router Stateful Firewall becomes 400Mbps.
Router Throughput
600Mbps/, 400Mbps
[1]
[1] If the WAN Activation License (BPL-ONE-LC-5WAN) is activated, Ethernet WAN port number is changed to 5, Ethernet LAN to 5, router Stateful Firewall becomes 400Mbps.
SpeedFusion VPN Throughput (No Encryption)
60Mbps
SpeedFusion VPN Throughput (256-bit AES)
30Mbps
Number of Cellular Modem
No

# Interfaces

Maximum Ethernet WAN / LAN port configuration
5 WAN with 5 LAN, 2 WAN with 8 LAN
SFP LAN / WAN
No
Serial Interface
No
Wi-Fi AP
No

Wi-Fi WAN
No
USB WAN
Yes (1x USB)
Module Expansion
No

# Performance

Maximum Number of AP Supported
30 / 50
[2]
[2] 50 AP is available as a license add-on (AP-LC-50).
Number of Recommended Users
1–60

# 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
[3]
[3] Require SpeedFusion Bonding License (BPL-ONE-LC-SF).
SpeedFusion Smoothing
Yes
[3]
[3] Require SpeedFusion Bonding License (BPL-ONE-LC-SF).
SpeedFusion Bandwidth Bonding
Yes
[3]
[3] Require SpeedFusion Bonding License (BPL-ONE-LC-SF).
SpeedFusion Connect

Yes

[4]

[4] CarePlan subscription includes 500GB/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

Yes

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

IPv6

Yes

x.509 Certificate

Yes

GPIO

No

Captive Portal

Yes

Ignition Sensing

No

Netflow support

Yes

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

128

Port-Based VLAN

Yes
Load Balancing & Failover
Yes
Load Balancing Algorithms
8
Inbound Load Balancing
No
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
3 or 5 or 20
[6]
[6] PepVPN/SpeedFusion Peers license, it can change the maximum number of PepVPN/SpeedFusion peer.PVN-LC-05. Up to 5 PepVPN/SpeedFusion peers.PVN-LC-10. Up to 10 PepVPN/SpeedFusion peers.PVN-LC-20. Up to 20 PepVPN/SpeedFusion peers.
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
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
No
Terminal Block Power Connector for Mobile / Vehicular Deployment
No
AC Adapter or PSU
12V 2A PSU (ACW-601)
Input voltage
DC 12–24V
PoE Input
No
PoE Output

No
USB Power Input
No
Nominal Power Consumption
NA
Maximum Power Consumption
15W
Dimensions in inches
10.7 x 6.3 x 1.2 inches
Dimensions in mm
271 x 160 x 30 mm
Weight (Pound)
1.22 pounds
Weight (Gram / Kilogram)
0.56 kg
Operating Temperature
23°–113°F, -5°–45°C
Humidity
NA
Rack-mount
No
Dual Hot Swap Power Supply
No

# Warranty Info

Warranty
1-Year Limited Warranty