





Quick Look

Number of Ethernet WAN port

3 / 2 (GE)

[1]

[1] WAN 3 is configured as a LAN port by default, configuration is changeable on the Web Admin.

Number of Ethernet LAN port

8 / 9 (GE)

[1]

[1] WAN 3 is configured as a LAN port by default, configuration is changeable on the Web Admin.

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

3 WAN with 8 LAN, 2 WAN with 9 LAN

SFP LAN / WAN

No

Serial Interface

No

Wi-Fi AP

Yes

Wi-Fi WAN

Yes

USB WAN

Yes (2x USB)

Module Expansion

Yes

Performance

Number of Recommended Users

50–500

Maximum Number of AP Supported

30 / 50

[2]

[2] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options

4x 5G

5G support

Yes

SIM Slots

8

SIM Card Size

Mini-SIM (2FF)

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 (HW4+)

[3]

[3] Require Firmware 8.3.0 or above.

BYO eSIM

Yes (HW4+)

[4]

[4] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover

Yes

SpeedFusion Smoothing

Yes

SpeedFusion Bandwidth Bonding

Yes

SpeedFusion Connect

Yes

[5]

[5] 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	
Yes	
LAN Bypass	
No	
InTouch	
Yes	
Virtual WAN	
Yes	
[6]	
[6] 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	
Lite	
IP Passthrough	
Yes	
[7]	
[7] Available for Firmware 8.5.0 or above.	
IPv6	
Yes	
x.509 Certificate	
Yes	
Captive Portal	
Yes	
GPIO	
Yes	
Ignition Sensing	
Yes	
Netflow support	
Yes	
LACP (802.3ad) NIC Bonding	
Yes	
[8]	
[8] Require Firmware 8.4.1 or above.	
Internal Storage for Edge Computing	
Yes (120GB / 500GB)	
[9]	
[9] Available with MBX MediaFast version. Support Application, Docker, KVM. Please contact Peplink Business Development team for details.	
External Storage via USB Port	
Yes	
[10]	
[10] Support Docker and KVM.	
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 or 50
[11]
[11] With purchase of optional SpeedFusion License (MAX-HD-020-SPF / SFN-LC-50) can connect to up to 20 / 50 SpeedFusion VPN peers respectively.
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
Indoor, Metal
4pin Molex Micro-Fit Connector
No
Terminal Block Power Connector for Mobile / Vehicular Deployment
Yes
AC Adapter or PSU
AC Input 100V–240V, DC Output 54V 3.34A
Input voltage
DC 12–56V
PoE Input

No	
PoE Output	
Up to 8x 802.3at PoE	
[12]	
[12] 2x 54V DC input is needed for all 8x LAN ports to have 802.3at PoE. Plugging in 1x 54V DC input will result in 4x LAN ports having 802.3at PoE.	
USB Power Input	
No	
Nominal Power Consumption	
35	
Maximum Power Consumption	
55W (w/o PoE)	
Dimensions in inches	
1.7 x 11.5 x 7.0 inches	
Dimensions in mm	
43 x 292 x 177 mm	
Weight (Pound)	
7.28 pounds	
Weight (Gram / Kilogram)	
3.3 kg	
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