



### Quick Look

Number of Ethernet WAN port	3 / 2 (GE) <sup>[1]</sup>	[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) <sup>[1]</sup>	[1] WAN 3 is configured as a LAN port by default, configuration is changeable on the Web Admin.
Router Throughput	2.5Gbps <sup>[2]</sup>	[2] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
SpeedFusion VPN Throughput (No Encryption)	600Mbps <sup>[2]</sup>	[2] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
SpeedFusion VPN Throughput (256-bit AES)	500Mbps <sup>[2]</sup>	[2] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
Number of Cellular Modem	2	

### 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 Controlled AP / Switch **30 / 50** <sup>[3]</sup> [3] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options **2x CAT-12,  
2x CAT-18,  
2x CAT-18 (ESN),  
2x CAT-20**

5G support **No**

SIM Slots **4**

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+)** <sup>[4]</sup> [4] Require Firmware 8.3.0 or above and supported for selected SKU.

BYO eSIM **Yes (HW4+)** <sup>[5]</sup> [5] Require Firmware 8.4.0 or above and supported for selected SKU.

Features

SpeedFusion Hot Failover **Yes**SpeedFusion Smoothing **Yes**SpeedFusion Bandwidth Bonding **Yes**SpeedFusion Connect **Yes** <sup>[6]</sup><sup>[6]</sup> 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**Switch Controller **Yes**WAN as LAN **Yes**LAN Bypass **No**InTouch **Yes**Virtual WAN **Yes** <sup>[7]</sup><sup>[7]</sup> 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** <sup>[8]</sup><sup>[8]</sup> Available for Firmware 8.5.0 or above.IPv6 **Yes**x.509 Certificate **Yes**

Captive Portal	Yes
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GPIO	Yes
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Ignition Sensing	Yes
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Netflow Support	Yes
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LACP (802.3ad) NIC Bonding	Yes <sup>[9]</sup>
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[9] Require Firmware 8.4.1 or above.

Jumbo Frame Support	Yes
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Internal Storage for Edge Computing	Yes (120GB / 500GB) <sup>[10]</sup>
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[10] Available with MBX MediaFast version. Support Application, Docker, KVM. Please contact Peplink Business Development team for details.

External Storage via USB Port	Yes <sup>[11]</sup>
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[11] Support Docker and KVM.

Dead Reckoning	Yes
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## Core Functionality

Inter-VLAN Routing	Yes
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802.1q VLANs Supported	128
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Port-Based VLAN	Yes
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Load Balancing Algorithms	8
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Load Balancing & Failover	Yes
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Inbound Load Balancing	No
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InControl 2 Cloud Management	Yes
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InControl GPS Fleet Management	Yes
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## Advanced QoS Functionality

Bandwidth Usage Monitoring	Yes
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QoS for VoIP and E-Commerce	Yes
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User Groups Bandwidth Control	Yes
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## VPN Functionality

SpeedFusion VPN	Yes
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Number of SpeedFusion VPN Peers	3 or 20 or 50 <sup>[12]</sup>
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[12] 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
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Number of IPsec Tunnels	5
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L2TP VPN / Open VPN / PPTP VPN Server	Yes
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Maximum PPTP / L2TP / OpenVPN Users	15
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Remote RADIUS / LDAP authentication in Remote User Access	Yes
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Number of OpenVPN Tunnel (Site to Site)	5
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Number of GRE Tunnel (Site to Site)	5
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## Hardware

Enclosure	Indoor, Metal
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4pin Molex Micro-Fit Connector	No
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Terminal Block Power Connector for Mobile / Vehicular Deployment	Yes
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AC Adapter or PSU	AC Input 100V–240V, DC Output 54V 3.34A
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Input voltage	DC 12–56V
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PoE Input	No
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PoE OutputUp to 8x 802.3at PoE+ [13]

[13] 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 InputNo

Nominal Power Consumption33

Maximum Power Consumption55W (w/o PoE)

Dimensions in inches1.7 x 11.5 x 7.0 inches

Dimensions in mm43 x 292 x 177 mm

Weight (Pound)7.28 pounds

Weight (Gram / Kilogram)3.3 kg

Operating Temperature-40°–149°F,  
-40°–65°C

Humidity15%–95% (non-condensing)

Rack-mountNo

Dual Hot Swap Power SupplyNo

Warranty Info

Warranty1-Year Limited Warranty