



Quick Look

Number of Ethernet WAN port	1 (GE)	
Number of Ethernet LAN port	2 (GE)	
Router Throughput	300Mbps ^[1]	[1] 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)	100Mbps ^[1]	[1] 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)	60Mbps ^[1]	[1] 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	1 WAN with 2 LAN, 0 WAN with 3 LAN
SFP LAN / WAN	No
Serial Interface	Yes
Wi-Fi AP	No
Wi-Fi WAN	No
USB WAN	Yes (1x USB)

Module Expansion **No**

Performance

Number of Recommended Users **25–150**

Maximum Number of Controlled AP / Switch **30 / 50** ^[2]

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

Wireless details

Cellular Modem Category options **2x CAT-4,
2x CAT-6**

5G support **No**

SIM Slots **4**

SIM Card Size **Mini-SIM (2FF)**

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 **Yes**

RemoteSIM (used in SIM Injector) **Yes (HW2+)** ^[3]

^[3] RemoteSIM and FusionSIM are only available for MAX-HD2-MINI-XXXX-RM-T.

FusionSIM **Yes (HW2+)** ^[3]

^[3] RemoteSIM and FusionSIM are only available for MAX-HD2-MINI-XXXX-RM-T.

Peplink eSIM Data Plans **Yes (HW4+)** ^[4]

^[4] Require Firmware 8.3.0 or above and supported for selected SKU.

BYO eSIM **Yes (HW4+)** ^[4]

^[4] Require Firmware 8.3.0 or above and supported for selected SKU.

Features

SpeedFusion Hot Failover	Yes	
SpeedFusion Smoothing	Yes	
SpeedFusion Bandwidth Bonding	Yes	
SpeedFusion Connect	Yes ^[5]	[5] SpeedFusion Connect is only available for MAX-HD2-MINI-XXXX-RM-T.CarePlan subscription includes 1TB/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 ^[6]	[6] Up to 3 Virtual WAN upon 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	No
Ignition Sensing	No
Netflow Support	Yes
LACP (802.3ad) NIC Bonding	No
Jumbo Frame Support	Yes
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 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 **2 or 20** ^[8]

[8] 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 **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 12V 3A**

Input voltage **DC 10–56V**

PoE Input **Yes** ^[9]

[9] 1x 802.3at PoE.

PoE Output	Up to 2x 802.3at PoE+ ^[10]
USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	15W (w/o PoE)
Dimensions in inches	1.6 x 5.8 x 5 inches
Dimensions in mm	40 x 147 x 129 mm
Weight (Pound)	1.32 pounds
Weight (Gram / Kilogram)	0.6 kg
Operating Temperature	-40°-149°F, -40°-65°C
Humidity	15%-95% (non-condensing)
Rack-mount	No
Dual Hot Swap Power Supply	No

[10] Require PoE Activation Kit. Includes power supply and license to enable PoE Output Ports.

Warranty Info

Warranty	1-Year Limited Warranty
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