



Quick Look

Number of Ethernet WAN port	2 / 1 (2.5G) ^[1]	[1] The WAN port 1 can act as a LAN port if needed.
Number of Ethernet LAN port	4 / 5 (GE) ^[1]	[1] The WAN port 1 can act as a LAN port if needed.
Router Throughput	1Gbps ^[2]	[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)	400Mbps ^[2]	[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)	200Mbps ^[2]	[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	2 WAN with 4 LAN, 1 WAN with 5 LAN
SFP LAN / WAN	No
Serial Interface	Yes (RS-232)
Wi-Fi AP	Yes
Wi-Fi WAN	Yes
USB WAN	Yes (1x USB)

Module Expansion	No
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Performance

Number of Recommended Users	1–150
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Maximum Number of Controlled AP / Switch	30 / 50 ^[3]
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[3] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options	2x 5G
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5G support	Yes
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SIM Slots	4
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SIM Card Size	Nano-SIM (4FF)
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Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 6
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Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	21dBm
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Wi-Fi Antenna Transmit Power (5GHz, single chain)	22dBm
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Multiple SSIDs	16
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GPS	Yes
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RemoteSIM (used in SIM Injector)	Yes (HW2+)
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FusionSIM	Yes (HW2+)
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Peplink eSIM Data Plans	Yes ^[4]
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[4] Require Firmware 8.3.0 or above.

BYO eSIM	Yes ^[5]
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[5] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover	Yes
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SpeedFusion Smoothing	Yes	
SpeedFusion Bandwidth Bonding	Yes	
SpeedFusion Connect	Yes ^[6]	[6] PrimeCare 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 ^[7]	[7] 1 Virtual WAN complimentary with active PrimeCare. 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	Full	
IP Passthrough	Yes ^[8]	[8] Available for Firmware 8.5.0 or above.
IPv6	No	
x.509 Certificate	Yes ^[9]	[9] Require IPsec X.509 Certificate License Key.
Captive Portal	Yes	

GPIO	Yes	
Ignition Sensing	Yes	
Netflow Support	Yes	
LACP (802.3ad) NIC Bonding	Yes ^[10]	[10] Require Firmware 8.4.1 or above.
Jumbo Frame Support	No	
Internal Storage for Edge Computing	Yes (8GB) ^[11]	[11] Support Application and Docker.
External Storage via USB Port	Yes ^[12]	[12] Support Docker.
Dead Reckoning	Yes	

Core Functionality

Inter-VLAN Routing	Yes
802.1q VLANs Supported	16
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 / 5 / 10 / 20 ^[13]	[13] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year. 10 or 20 SpeedFusion VPN peers can be enabled with software license (PVN-LC-10 and PVN-LC-20).
IPsec VPN	Yes	
Number of IPsec Tunnels	5	
L2TP VPN / Open VPN / PPTP VPN Server	Yes	
Maximum PPTP / L2TP / OpenVPN Users	3	
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	Yes	
Terminal Block Power Connector for Mobile / Vehicular Deployment	No	
AC Adapter or PSU	AC Input 100V–240V, ^[14] DC Output 12V	[14] Compatible with ACW-663.
Input voltage	DC 10–30V	
PoE Input	Yes ^[15]	[15] 1x 802.3at PoE port provide a power supply of 25W. If you require 30W of power budget (eg. using dual cellular WAN and USB WAN together), please empower the MAX BR2 Pro via the bundled power adapter (12V3A PSU, ACW-663), or the optional Passive PoE Injector Kit (ACW-111 + ACW-622).

PoE Output	No
USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	30W
Dimensions in inches	8.58 x 7.68 x 1.61 inches
Dimensions in mm	218 x 195 x 29.5 mm
Weight (Pound)	2.42 pounds
Weight (Gram / Kilogram)	1.1 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
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