



Quick Look

Number of Ethernet WAN port	0 / 1 (GE) ^[1]	[1] Available with PrimeCare Subscription, complimentary for the first year. PrimeCare Enables Ethernet WAN, Wi-Fi WAN, Hot Failover, and Smoothing. Alternatively, without a PrimeCare Subscription, Feature pack license (MAX-BR1-MINI-FP) is required to activate the perpetual license for the aforementioned features.
Number of Ethernet LAN port	3 / 2 (GE) ^[1]	[1] Available with PrimeCare Subscription, complimentary for the first year. PrimeCare Enables Ethernet WAN, Wi-Fi WAN, Hot Failover, and Smoothing. Alternatively, without a PrimeCare Subscription, Feature pack license (MAX-BR1-MINI-FP) is required to activate the perpetual license for the aforementioned features.
Router Throughput	300Mbps ^[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)	80Mbps ^[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)	60Mbps ^[3]	[3] 60 Mbps by default for Firmware 8.4.1 or above.
Number of Cellular Modem	1	

Interfaces

Maximum Ethernet WAN / LAN port configuration	1 WAN with 2 LAN, 0 WAN with 3 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes

Wi-Fi WAN	Yes ^[1]	[1] Available with PrimeCare Subscription, complimentary for the first year. PrimeCare Enables Ethernet WAN, Wi-Fi WAN, Hot Failover, and Smoothing. Alternatively, without a PrimeCare Subscription, Feature pack license (MAX-BR1-MINI-FP) is required to activate the perpetual license for the aforementioned features.
-----------	--------------------	---

USB WAN	No
---------	----

Module Expansion	No
------------------	----

Performance

Number of Recommended Users	1-60
-----------------------------	------

Maximum Number of Controlled AP / Switch	No
--	----

Wireless details

Cellular Modem Category options	1x 5G
---------------------------------	-------

5G support	Yes
------------	-----

SIM Slots	2
-----------	---

SIM Card Size	Nano-SIM (4FF)
---------------	----------------

Wi-Fi Radio	Dual (2.4GHz + 5GHz), ^[4] 2x2 Wi-Fi 5	[4] Wi-Fi functionality is available with BR1 Mini 5G (HW2).
-------------	---	--

Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	20dBm
---	-------

Wi-Fi Antenna Transmit Power (5GHz, single chain)	20dBm
---	-------

Cellular Antenna Connectors	4x SMA Cellular Connectors
-----------------------------	----------------------------

Multiple SSIDs	16
----------------	----

GPS	No
-----	----

RemoteSIM (used in SIM Injector)	Yes
----------------------------------	-----

FusionSIM	Yes
-----------	-----

Peplink eSIM Data Plans	Yes
-------------------------	------------

BYO eSIM	Yes
----------	------------

Features

SpeedFusion Hot Failover	Yes ^[1]
--------------------------	---------------------------

[1] Available with PrimeCare Subscription, complimentary for the first year. PrimeCare Enables Ethernet WAN, Wi-Fi WAN, Hot Failover, and Smoothing. Alternatively, without a PrimeCare Subscription, Feature pack license (MAX-BR1-MINI-FP) is required to activate the perpetual license for the aforementioned features.

SpeedFusion Smoothing	Yes ^[1]
-----------------------	---------------------------

[1] Available with PrimeCare Subscription, complimentary for the first year. PrimeCare Enables Ethernet WAN, Wi-Fi WAN, Hot Failover, and Smoothing. Alternatively, without a PrimeCare Subscription, Feature pack license (MAX-BR1-MINI-FP) is required to activate the perpetual license for the aforementioned features.

SpeedFusion Bandwidth Bonding	Yes ^[1]
-------------------------------	---------------------------

[1] Available with PrimeCare Subscription, complimentary for the first year. PrimeCare Enables Ethernet WAN, Wi-Fi WAN, Hot Failover, and Smoothing. Alternatively, without a PrimeCare Subscription, Feature pack license (MAX-BR1-MINI-FP) is required to activate the perpetual license for the aforementioned features.

SpeedFusion Connect	Yes ^[5]
---------------------	---------------------------

[5] PrimeCare subscription includes 500 GB/year complimentary SpeedFusion Connect Usage data.

SpeedFusion Relay Mode (Server)	Yes
---------------------------------	------------

Drop-In Mode	Yes
--------------	------------

High Availability	Yes
-------------------	------------

Peplink AP Series Management	No
------------------------------	-----------

Remote AP & Multiple Config Profiles Management	No
---	-----------

Switch Controller	No
-------------------	-----------

WAN as LAN	Yes
------------	------------

LAN Bypass	No
------------	-----------

InTouch	Yes
---------	------------

Virtual WAN	Yes ^[6]
-------------	---------------------------

[6] 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	Lite
-----------------------	------

IP Passthrough	Yes
----------------	-----

IPv6	No
------	----

x.509 Certificate	Yes ^[7]
-------------------	--------------------

[7] Require IPsec X.509 Certificate License Key.

Captive Portal	Yes
----------------	-----

GPIO	Yes
------	-----

Ignition Sensing	Yes
------------------	-----

Netflow Support	Yes
-----------------	-----

LACP (802.3ad) NIC Bonding	No
----------------------------	----

Jumbo Frame Support	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	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	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	2 or 5 ^[8]
---------------------------------	-----------------------

[8] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year.

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	Compact, 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, ^[9] DC Output 12V 2A	[9] Compatible with ACW-632.
Input voltage	DC 10–30V	
PoE Input	Yes	
PoE Output	No	
USB Power Input	No	
Nominal Power Consumption	13W	
Maximum Power Consumption	18W	
Dimensions in inches	4.95 x 4.2 x 1.4 inches	
Dimensions in mm	125.7 x 107 x 35 mm	
Weight (Pound)	0.93 pounds	
Weight (Gram / Kilogram)	425 grams	
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
----------	--------------------------------