



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. 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	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]

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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 CAT-4,
1x CAT-6,
1x CAT-7**

5G support **No**

SIM Slots **2**

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

Wi-Fi Radio **Dual (2.4GHz + 5GHz),
2x2 Wi-Fi 5**

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

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

Multiple SSIDs **16**

GPS **Yes**

RemoteSIM (used in SIM Injector) **Yes (HW4+)**

FusionSIM **Yes (HW4+)**

Peplink eSIM Data Plans	Yes (HW3+) ^[4]	[4] Require Firmware 8.3.0 or above and supported for selected SKU.
BYO eSIM	Yes (HW3+) ^[5]	[5] Require Firmware 8.4.0 or above and supported for selected SKU.

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 ^[6]	[6] 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 ^[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	Lite
IP Passthrough	Yes
IPv6	No
x.509 Certificate	Yes ^[8]
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

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

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 or 5 ^[9]
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

[9] 2 SpeedFusion VPN Peers are enabled by default. 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription, complimentary for the first year.

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, ^[10] DC Output 12V 2A	[10] Compatible with ACW-632.
Input voltage	DC 12–30V	
PoE Input	Yes ^[11]	[11] 1x 802.3at PoE.
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)	0.95 pounds	
Weight (Gram / Kilogram)	430 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
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