



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	2 / 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.
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 1 LAN, 0 WAN with 2 LAN
SFP LAN / WAN	No
Serial Interface	Yes (RS-232 & 485)
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.
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USB WAN	No
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Module Expansion	No
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Performance

Number of Recommended Users	1-60
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Maximum Number of Controlled AP / Switch	No
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Wireless details

Cellular Modem Category options	1x CAT-4
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5G support	No
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SIM Slots	2
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SIM Card Size	Nano-SIM (4FF)
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Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 5
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Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	20dBm
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Wi-Fi Antenna Transmit Power (5GHz, single chain)	20dBm
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Multiple SSIDs	16
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GPS	Yes
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RemoteSIM (used in SIM Injector)	No
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FusionSIM	No
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Peplink eSIM Data Plans	Yes ^[4]	[4] Require Firmware 8.3.0 or above and supported for selected SKU.
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BYO eSIM

Yes ^[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
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Web Content Filtering	Lite
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IP Passthrough	Yes
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IPv6	No
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x.509 Certificate	Yes ^[8]
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[8] Require IPsec X.509 Certificate License Key.

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	No
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Jumbo Frame Support	No
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Internal Storage for Edge Computing	No
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External Storage via USB Port	No
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Dead Reckoning	No
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Core Functionality

Inter-VLAN Routing	Yes
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802.1q VLANs Supported	16
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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	2 or 5 ^[9]
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[9] 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
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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	3
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Remote RADIUS / LDAP authentication in Remote User Access	No
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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	Compact, Indoor Metal
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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 10–30V	
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	5.10 x 4.2 x 1.4 inches	
Dimensions in mm	129.5 x 107 x 35 mm	
Weight (Pound)	1.00 pound	
Weight (Gram / Kilogram)	455 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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