





## 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]

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Router Throughput

300Mbps

SpeedFusion VPN Throughput (No Encryption)

80Mbps

SpeedFusion VPN Throughput (256-bit AES)

60Mbps

[2]

[2] 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

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USB WAN

No

Module Expansion

No

## Performance

Number of Recommended Users

1–60

Maximum Number of AP Supported

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), 2x2 Wi-Fi 5

[3]

[3] 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

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]

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SpeedFusion Smoothing

Yes

|   |  |
|---|--|
| [1]   |  |
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| SpeedFusion Bandwidth Bonding   |  |
| Yes   |  |
| [1]   |  |
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| SpeedFusion Connect   |  |
| Yes   |  |
| [4]   |  |
| [4] 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  |  |
| WAN as LAN  |  |
| Yes   |  |
| LAN Bypass  |  |
| No  |  |
| InTouch   |  |
| Yes   |  |
| Virtual WAN   |  |
| Yes   |  |
| [5]   |  |
| [5] 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   |  |
| [6]   |  |
| [6] Require IPsec X.509 Certificate License Key   |  |
| Captive Portal  |  |
| Yes   |  |
| GPIO  |  |
| Yes   |  |
| Ignition Sensing  |  |
| Yes   |  |
| Netflow support   |  |
| Yes   |  |
| LACP (802.3ad) NIC Bonding  |  |
| 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  
[7]  
[7] 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, DC Output 12V 2A  
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