BR1 Mini 5G

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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**	
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	**No**
Wi-Fi WAN	**No**

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	**No**
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	**No**
Wi-Fi Antenna Transmit Power (5GHz, single chain)	**No**
Multiple SSIDs	**No**
GPS	**No**
RemoteSIM (used in SIM Injector)	**Yes (HW3+)**
FusionSIM	**Yes (HW3+)**
Peplink eSIM Data Plans	**Yes**
BYO eSIM	**Yes**

Features

SpeedFusion Hot Failover	**Yes** [1]

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Smoothing. Alternatively, without a PrimeCare Subscription, Feature pack license (MAX-BR1-MINI-FP) is required to activate the perpetual license for the aforementioned features.

Feature	Value	Note
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 [3]	[3] 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 [4]	[4] 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** [5]	[5] 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**

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User Groups Bandwidth Control	Yes

VPN Functionality

SpeedFusion VPN	Yes	
Number of SpeedFusion VPN Peers	2 or 5 [6]	[6] 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 [7]	[7] 1x 802.3at PoE.

PoE Output	**No**
USB Power Input	**No**
Nominal Power Consumption	**11W**
Maximum Power Consumption	**13W**
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)	**420 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**