BR1 Mini M2M

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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	**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**	
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 1 LAN, 0 WAN with 2 LAN**
SFP LAN / WAN	**No**
Serial Interface	**Yes (RS232 & 485)**
Wi-Fi AP	**Yes**

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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 AP Supported	**No**

Wireless details

Cellular Modem Category options	**1x CAT-4**	
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)	**No**	
FusionSIM	**No**	
Peplink eSIM Data Plans	**Yes** [3]	[3] Require Firmware 8.3.0 or above and supported for selected SKU.

BYO eSIM	**Yes** [4]	[4] 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** [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**	
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**	
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	**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** [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**

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AC Adapter or PSU	**AC Input 100V–240V, DC Output 12V 2A**
Input voltage	**DC 10–30V**
PoE Input	**Yes [9]**
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**

[9] 1x 802.3at PoE.

Warranty Info

Warranty	**1-Year Limited Warranty**