Tech Specs | Mobility Legacy

BR1 Mini Core (HW1)



Quick Look

Number of Ethernet WAN port	**0 / 1 (FE)** [1]	[1] Require license MAX-BR1-MINI-LC-FS. Enables Ethernet WAN, WiFi WAN, Load Balancing and Failover, SpeedFusion Hot Failover.
Number of Ethernet LAN port	**2 / 1 (FE)** [1]	[1] Require license MAX-BR1-MINI-LC-FS. Enables Ethernet WAN, WiFi WAN, Load Balancing and Failover, SpeedFusion Hot Failover.
Router Throughput	**100Mbps** [3]	[3] 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)	**40Mbps** [3]	[3] 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)	**20Mbps** [3]	[3] 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** [2]	[2] Require Serial Port adapter (ACW-411).
Wi-Fi AP	**No**	
Wi-Fi WAN	**No**	
USB WAN	**No**	

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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**
5G support	**No**
SIM Slots	**2**
SIM Card Size	**Mini-SIM (2FF)**
Wi-Fi Radio	**No**
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	**No**
Wi-Fi Antenna Transmit Power (5GHz, single chain)	**No**
Cellular Antenna Connectors	**2x SMA Antenna Connectors**
Multiple SSIDs	**No**
GPS	**No**
RemoteSIM (used in SIM Injector)	**No**
FusionSIM	**No**
Peplink eSIM Data Plans	**No**
BYO eSIM	**No**

Features

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SpeedFusion Hot Failover	**Yes** [1]
SpeedFusion Smoothing	**No**
SpeedFusion Bandwidth Bonding	**No**
SpeedFusion Connect	**Yes** [4]
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	**No**
Synergy Mode (Controller)	**No**
Synergized Device	**Yes**
Application and Web Blocking	**Yes**
Web Content Filtering	**Lite**
IP Passthrough	**Yes**
IPv6	**No**
x.509 Certificate	**No**

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[4] CarePlan subscription includes 500 GB/year complimentary SpeedFusion Connect Usage data.

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Captive Portal	**Yes**
GPIO	**No**
Ignition Sensing	**No**
Netflow Support	**No**
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**

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** [5]
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**

[5] Require license to increase maximum number of PepVPN/SpeedFusion Peers. Several option are available based on the model 5, 10 or 20 peers (PVN-LC-05, PVN-LC-10, PVN-LC-20).

Hardware

Enclosure	**Compact, Indoor Metal**
4pin Molex Micro-Fit Connector	**No**
Terminal Block Power Connector for Mobile / Vehicular Deployment	**Yes**
AC Adapter or PSU	**AC Input 100V–240V, DC Output 12V 2A**
Input voltage	**DC 12–28V**
PoE Input	**Yes** [6]

[6] 12V-28V DC Passive PoE.

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PoE Output	**No**
USB Power Input	**No**
Nominal Power Consumption	**NA**
Maximum Power Consumption	**12W**
Dimensions in inches	**4.6 x 4.2 x 1.4 inches**
Dimensions in mm	**117 x 107 x 35 mm**
Weight (Pound)	**0.54 pounds**
Weight (Gram / Kilogram)	**244 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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