Tech Specs | Mobility • BR1 Mini Core

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

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 CAT-4, 1x CAT-7
5G support
No
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)
No
FusionSIM
No
Peplink eSIM Data Plans
Yes (HW3+)
[3]
[3] Require Firmware 8.3.0 or above and supported for selected SKU.
BYO eSIM
Yes (HW3+)
[4]
[4] Require Firmware 8.4.0 or above and supported for selected SKU.

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

[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

No

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
[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
AC Adapter or PSU
AC Input 100V–240V, DC Output 12V 2A
Input voltage
DC 10–30V
PoE Input
No
PoE Output
No
USB Power Input
No
Nominal Power Consumption
10W
Maximum Power Consumption
16W
Dimensions in inches
4.95 x 4.2 x 1.4 inches
Dimensions in mm
125.7 x 107 x 35 mm
Weight (Pound)
0.95 pounds
Weight (Gram / Kilogram)
430 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