





Quick Look

- Number of Ethernet WAN port
2 / 1 (2.5G)
[1]
[1] The WAN port 1 can act as a LAN port if needed.
- Number of Ethernet LAN port
4 / 5 (GE)
[1]
[1] The WAN port 1 can act as a LAN port if needed.
- Router Throughput
1Gbps
- SpeedFusion VPN Throughput (No Encryption)
400Mbps
- SpeedFusion VPN Throughput (256-bit AES)
200Mbps
- Number of Cellular Modem
2

Interfaces

- Maximum Ethernet WAN / LAN port configuration
2 WAN with 4 LAN, 1 WAN with 5 LAN
- SFP LAN / WAN
No
- Serial Interface
Yes (RS232)
- Wi-Fi AP
Yes
- Wi-Fi WAN
Yes
- USB WAN
Yes (1x USB)
- Module Expansion

No

Performance

Number of Recommended Users

1–150

Maximum Number of AP Supported

30 / 50

[2]

[2] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options

2x 5G

5G support

Yes

SIM Slots

4

SIM Card Size

Nano-SIM (4FF)

Wi-Fi Radio

Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 6

Wi-Fi Antenna Transmit Power (2.4GHz, single chain)

21dBm

Wi-Fi Antenna Transmit Power (5GHz, single chain)

22dBm

Multiple SSIDs

16

GPS

Yes

RemoteSIM (used in SIM Injector)

Yes (HW2+)

FusionSIM

Yes (HW2+)

Peplink eSIM Data Plans

Yes

[3]

[3] Require Firmware 8.3.0 or above.

BYO eSIM

Yes

[4]

[4] Require Firmware 8.4.0 or above.

Features

SpeedFusion Hot Failover

Yes

SpeedFusion Smoothing

Yes

SpeedFusion Bandwidth Bonding

Yes

SpeedFusion Connect

Yes

[5]

[5] PrimeCare subscription includes 1TB/year complimentary SpeedFusion Connect Usage data.

SpeedFusion Relay Mode (Server)

Yes

Drop-In Mode

Yes

High Availability
Yes
Peplink AP Series Management
Yes
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
[7]
[7] Available for Firmware 8.5.0 or above.
IPv6
No
x.509 Certificate
Yes
[8]
[8] Require IPsec X.509 Certificate License Key
Captive Portal
Yes
GPIO
Yes
Ignition Sensing
Yes
Netflow support
Yes
LACP (802.3ad) NIC Bonding
Yes
[9]
[9] Require Firmware 8.4.1 or above.
Internal Storage for Edge Computing
Yes (8GB)
[10]
[10] Support Application and Docker.
External Storage via USB Port
Yes
[11]
[11] Support Docker.
Dead Reckoning
Yes

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
[12]
[12] 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
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
Input voltage
DC 10–30V

PoE Input	
Yes	
[13]	
[13] 1x 802.3at PoE port provide a power supply of 25W. If you require 30W of power budget (eg. using dual cellular WAN and USB WAN together), please empower the MAX BR2 Pro via the bundled power adapter (12V3A PSU, ACW-663), or the optional Passive PoE Injector Kit (ACW-111 + ACW-622).	
PoE Output	
No	
USB Power Input	
No	
Nominal Power Consumption	
NA	
Maximum Power Consumption	
30W	
Dimensions in inches	
8.58 x 7.68 x 1.61 inches	
Dimensions in mm	
218 x 195 x 29.5 mm	
Weight (Pound)	
2.42 pounds	
Weight (Gram / Kilogram)	
1.1 kg	
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	