





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