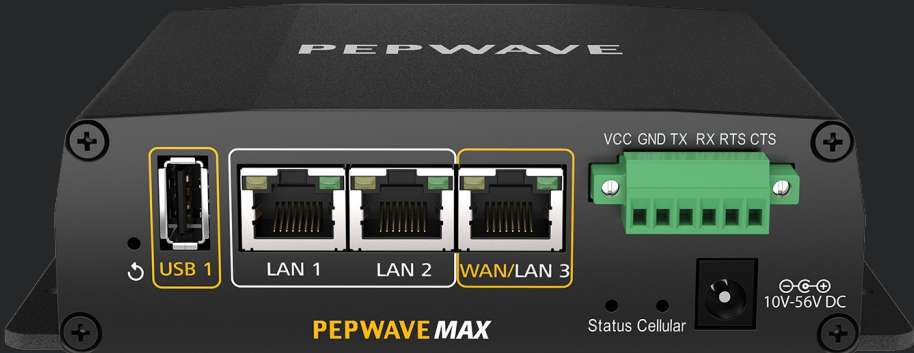


# MAX BR1 ENT



## Quick Look

|          |              |              |                   |                                            |                                          |
|----------|--------------|--------------|-------------------|--------------------------------------------|------------------------------------------|
| Cellular | Ethernet WAN | Ethernet LAN | Router Throughput | SpeedFusion VPN Throughput (No Encryption) | SpeedFusion VPN Throughput (256-bit AES) |
| 1        | 1/0 (GE) &   | 2/3 (GE) &   | 300Mbps           | 100Mbps                                    | 60Mbps                                   |

### Interfaces

|                |     |
|----------------|-----|
| Serial (RS232) | Yes |
| Wi-Fi AP       | No  |
| Wi-Fi WAN      | No  |
| USB WAN        | Yes |
| GPIO           | No  |

### Performance

|                                 |                     |
|---------------------------------|---------------------|
| Recommended Users               | 25-150              |
| Number of SpeedFusion VPN Peers | 2/5/20 <sup>1</sup> |

### Wireless Details

|                                       |                          |
|---------------------------------------|--------------------------|
| LTE Category Options                  | CAT 4<br>CAT 6<br>CAT 12 |
| Band 71                               | No                       |
| SIM Slots                             | 2                        |
| Wi-Fi Radio                           | No                       |
| SIM Card Size                         | Mini-SIM (2FF)           |
| Transmit Power (2.4GHz, single chain) | No                       |
| Transmit Power (5GHz, single chain)   | No                       |
| Multiple SSIDs                        | No                       |
| Captive Portal                        | No                       |
| GPS                                   | Yes                      |

## Features

|                                   |      |
|-----------------------------------|------|
| Ignition Sensing                  | No   |
| Remote SIM (used in SIM Injector) | No   |
| 802.1 q VLANs Supported           | 16   |
| Drop-In Mode                      | Yes  |
| High Availability                 | Yes  |
| Ip Passthrough                    | Yes  |
| WAN as LAN                        | Yes  |
| Web Blocking                      | Yes  |
| Web Filtering Blacklist           | Lite |
| In Control Cloud Management       | Yes  |
| GPS Fleet Management              | Yes  |

## VPN Functionality

|                                     |     |
|-------------------------------------|-----|
| SpeedFusion VPN                     | Yes |
| SpeedFusion Hot Failover            | Yes |
| SpeedFusion WAN Smoothing           | Yes |
| SpeedFusion Bandwidth Bonding       | No  |
| Number of IPsec Tunnels             | 5   |
| Maximum PPTP/L2TP/<br>OpenVPN Users | 3   |

## Hardware

|                                                                   |                                         |
|-------------------------------------------------------------------|-----------------------------------------|
| Enclosure                                                         | Compact, Indoor Metal                   |
| Terminal Block Power Connector<br>for Mobile/Vehicular Deployment | Yes                                     |
| AC Adapter                                                        | AC Input 100V-240V<br>DC Output 12V, 2A |
| Input Voltage                                                     | DC 10-56V                               |
| PoE Input                                                         | No                                      |
| PoE Output                                                        | Yes (802.3af) *                         |
| Power Consumption                                                 | Max.: 16W                               |
| Dimensions in inches                                              | 1.6 x 5.8 x 5.0 inches                  |
| Dimensions in mm                                                  | 40 x 147 x 128 mm                       |
| Weight (Pound)                                                    | 0.96 pounds                             |
| Weight (Grams)                                                    | 435 grams                               |
| Operating Temperature                                             | -40° – 149°F<br>-40° – 65°C             |
| Humidity                                                          | 15% – 95% (non-condensing)              |

## Certifications

|                                                                                  |                         |
|----------------------------------------------------------------------------------|-------------------------|
| FCC, CE, RoHS                                                                    | Yes                     |
| E-Mark (Motor Vehicle)                                                           | No                      |
| EN 61373 Shock and<br>Vibration Resistance                                       | No                      |
| EN 50155 Railway Applications –<br>Electronic Equipment used on<br>Rolling Stock | No                      |
| EN 61000 Electromagnetic<br>Compatibility                                        | No                      |
| Warranty                                                                         | 1-Year Limited Warranty |

[1] Requires 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).

[\*] Requires PoE Activation Kit. Includes power supply and license to enable 802.3af PoE Output Ports.

[&] WAN port(s) can be configured as LAN port(s) via the Web Admin.

[1] The frequency range for 2.4GHz and 5GHz are 2412–2472 MHz and 5180–5825 MHz respectively.

[2] Recommended user: Recommendation for sizing purposes only. No software restrictions applied.

[3] Router Throughput and SpeedFusion VPN 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. x

[4] Transmit power can be configured on the Web Admin Interface.

[5] Cache Throughput refers to the speed of routing content from disk drive to LAN.