

# peplink **MAX** BR1 Slim



## Compact, Rugged & Portable

The MAX BR1 Slim is compact (1.1 x 3.8 x 4.8 inches), and tough enough for any deployment. It offers advanced features such as GPS fleet tracking, terminal block power capability, and remote management. With USB power inputs, you can plug in a power bank and take it anywhere.

## Ultra-Portable 4G LTE Connectivity

The MAX BR1 Slim gives you full-featured mobile connectivity in a package that measures just 1.1 x 3.8 x 4.8 inches. Its rugged metal enclosure stands up to moisture, dust, and vibration. It gives you and your devices, such as surveillance camera, **LTE connectivity anywhere.**



## Redundant SIM Slots for Multiple Carriers

Redundant SIM slots with automatic switching for reliable network. You can also set the MAX BR1 Slim to automatically switch SIM cards when you're in danger of exceeding a data cap. It also allows you travel across borders without changing SIM cards manually.



## Dual Micro USB Power Input

### Input

Connect one of the two built-in 5V micro USB ports to a 10000mAh power bank for up to 7 hours of operation. Running low on power? Connect a second power bank before disconnecting the first for uninterrupted networking.



## SpeedFusion Hot Failover

In case of a WAN failure, [SpeedFusion technology](#) powers the MAX BR1 Slim for instant failover, giving you reliable internet connectivity and resources access to datacenter.



## Model Comparison

Model	MAX BR1	MAX BR1 Slim	MAX BR1 ENT
Ethernet WAN Ports	1 (FE)	1 (FE)	1 (GE)
Ethernet LAN Ports	2 (FE)	1 (FE)	2 (GE)
Embedded 4G LTE/3G	1	1	1
<b>SIM Card Size</b>	Mini-SIM (2FF)	Mini-SIM (2FF)	Mini-SIM (2FF)
USB WAN Modem Port	○	○	1
Wi-Fi WAN <sup>1</sup>	●	●	○
Wi-Fi AP <sup>1</sup>	●	●	○
Wi-Fi Standard	802.11b/g/n 150Mbps	802.11b/g/n 150Mbps	○
Transmit Power (2.4GHz)	25dBm	25dBm	○
Transmit Power (5GHz)	○	○	○
Recommended Users <sup>2</sup>	1-25	1-25	1-25
Router Throughput <sup>3</sup>	100Mbps	100Mbps	200Mbps
<b>VPN Functionality</b>			
<b>PepVPN/SpeedFusion Hot Failover</b>	●	●	●
<b>SpeedFusion Bandwidth Bonding</b>	○	○	○
Number of PepVPN SpeedFusion Peers	2	2	2
PepVPN/SpeedFusion Throughput (No Encryption)	40Mbps	40Mbps	100Mbps
PepVPN/SpeedFusion Throughput (256-bit AES)	20Mbps	20Mbps	60Mbps

Model	MAX BR1	MAX BR1 Slim	MAX BR1 ENT
<b>Central Management</b>			
<b>InControl Cloud Management</b>	●	●	●
<b>GPS Fleet Management</b>	●	●	●
<b>Hardware Features</b>			
<b>Enclosure</b>	Compact, Indoor Metal	Compact, Indoor Metal	Compact, Indoor Metal
<b>PoE Output</b>	○	○	802.3af PoE Output*
<b>Terminal Block Power Connector for Mobile/Vehicular Deployment</b>	●	●	●
<b>Dimensions (Height x Width x Depth)</b>	1.6 x 5.8 x 5.0 inches 40 x 147 x 128 mm	1.1 x 3.8 x 4.8 inches 26x x 97 x 120 mm	1.6 x 5.8 x 5.0 inches 40 x 147 x 128 mm
<b>Weight</b>	0.96 pound 435 grams	0.8 pound 350 grams	0.96 pound 435 grams
<b>Operations</b>			
<b>AC Adapter</b>	AC Input 100V-240V DC Output 12V, 2A	○	AC Input 100V-240V DC Output 12V, 2A
<b>Power Input</b>	DC 10V-30V 2A	Micro USB 5V 2A	DC 12V-48V 2A
<b>Terminal Block</b>	DC 10V-30V 2A	DC 12V-24V 2A	DC 12V-48V 2A
<b>Power Consumption</b>	Max.: 16W, Typical: 11W, Min.: 8W	Max.: 10W, Typical: 8.5W, Min.: 6W	Max.: 16W, Typical: 11W, Min.: 8W
<b>Operating Temperature</b>	-40° – 149°F -40° – 65°C	-40° – 149°F -40° – 65°C	-40° – 149°F -40° – 65°C
<b>Humidity</b>	15% – 95% (non-condensing)		

<b>Certifications</b>			
FCC, CE, RoHS	●	●	●
<b>Certifications – Motor Vehicle</b>			
E-Mark	●	●	●
<b>Certifications – Rolling Stock</b>			
EN 61373:1999 IEC 61373:1999 Shock and Vibration Resistance	●	●	○
EN 50155 Railway Applications - Electronic Equipment used on Rolling Stock	●	●	○
EN 61000 Electromagnetic Compatibility	●	●	○
<b>Warranty</b>	1-Year Limited Warranty		

<sup>1</sup> The frequency range for 802.11b/g/n Wi-Fi is 2412–2472 MHz.

<sup>2</sup> Recommendation for sizing purposes only. No software restrictions applied.

<sup>3</sup> Router Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments.

### Supported 4G LTE Networks :

Hong Kong	3 China Mobile csl. SmarTone
-----------	---------------------------------------

## Software

- Pepwave MAX Firmware

## WAN

- Support for PPPoE, Static IP, DHCP
- WAN Link Health Check
- Bandwidth Allowance Monitor
- Support for Dynamic DNS services
- WAN Port Convertible into LAN Port

## LAN

- DHCP Server for LAN Clients
- Extended DHCP Option
- DHCP Reservation
- DNS Proxy for LAN Clients
- VLAN on LAN Support

## Networking

- NAT and IP Forwarding
- Static Routes
- Port Forwarding
- Many to One, One to One NAT
- NAT Pool
- SIP ALG, H.323 ALG
- UPnP, NAT-PMP

## Complete VPN Solution

- [PepVPN/SpeedFusion Hot Failover](#)
  - Site-to-Site VPN
  - [Hot Failover](#)
  - 256-bit AES Encryption
  - Pre-shared Key Authentication
  - Dynamic Routing
  - X.509 Certificate Support <sup>4</sup>
- IPsec VPN (Network-to-Network) <sup>5</sup>
  - X.509 Certificate Support <sup>4</sup>

## Captive Portal Support

- Support for Wired and Wireless LAN clients
- Support RADIUS Authentication
- Time and Usage Quotas on Open Access Mode
- Built-in Customizable Splash Page

## Advanced QoS

- Individual Bandwidth Limit
- Application Prioritization
  - SIP, HTTPS, VPN QoS
  - Custom Application QoS

## Security

- Stateful Firewall
- DoS Prevention
- Web Blocking

## Global Positioning System

- Integrated GPS
- Device Location Map
- Location Tracking Data with [InControl 2](#)
- Fleet Management with [InControl 2](#)

## Device Management

- [Web Administrative Interface](#)
- Command Line Interface
- [InControl Cloud Management](#)
- Email Notification
- Active Client and Session Lists
- Bandwidth Usage Statistics
- Syslog Service
- SNMP v1, v2c and v3

## Package Content

- MAX BR1 Slim
- 1x 5dBi Wi-Fi Antenna
- 1x GPS Antenna
- 2x 2dBi 4G LTE Antennas (4G LTE)