MAX BR1 Pro

Enterprise Grade Router with LTE Failover
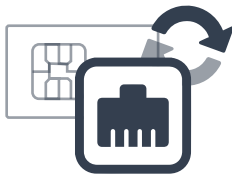
peplink | **PEPWAVE**
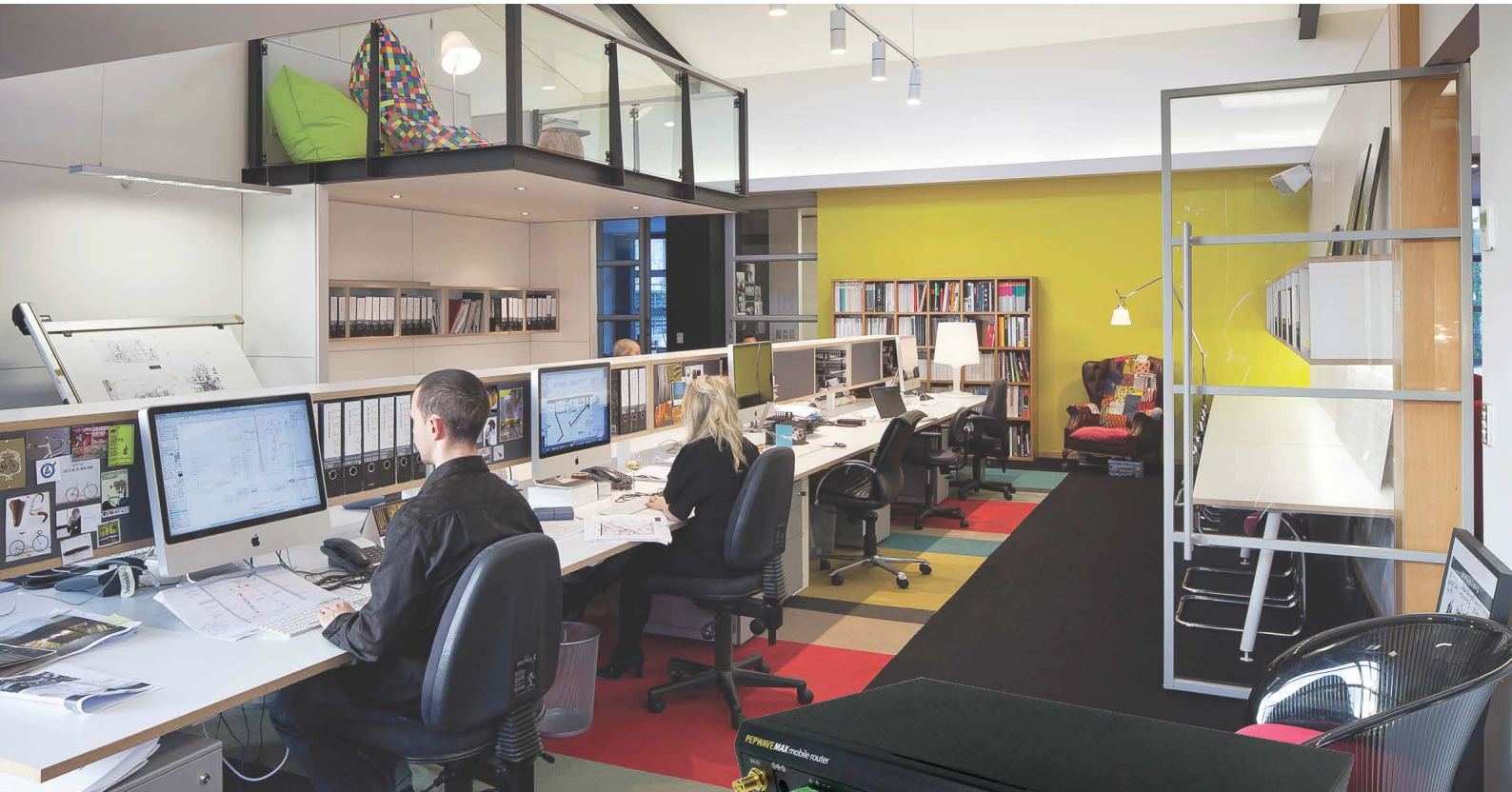
Cellular Branch Networking Router

The MAX BR1 Pro comes with 4-port LAN switch and automatic failover, making it an ideal choice for deployments that demand outstanding reliability and flexibility.

SpeedFusion"
Bonding Technology

Broadband with LTE backup

Stay online when connections fail with instant automatic failover. Connect a high-speed primary line and a backup LTE connection, the BR1 Pro will seamlessly switch between wired and cellular links as needed to keep your connection stable and fast.

SpeedFusion Hot Failover.

MAX BR automatically re-establishes your IPsec VPN connection on lower priority link when your primary WAN fails. Your VPN stays up, and you stay seamlessly connected.

Redundant SIM Slots for Multiple Carriers

Redundant SIM slots with automatic switching for reliable network. You can set the MAX BR1 Pro to automatically switch SIM cards when you're in danger of data overage, or allows you travel across borders without changing SIM cards manually.
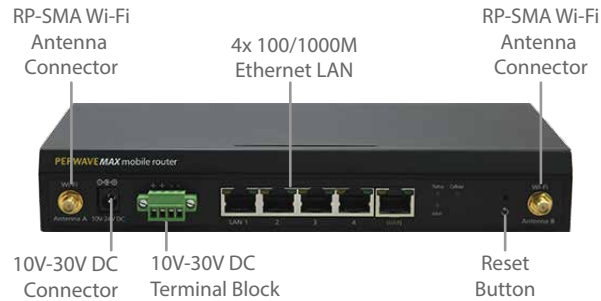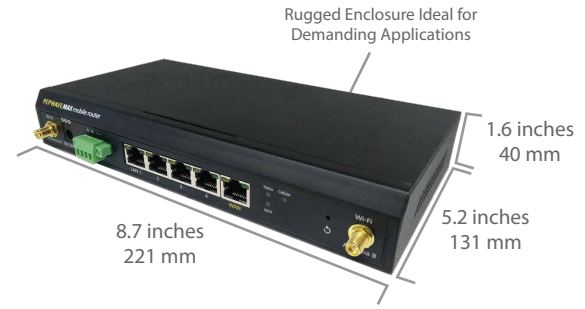
4-port GE LAN Switch

The four-port GE LAN switch allows the BR1 Pro to be dropped into any network transparently, without needs for extra cabling. Perfect for Branch Networking.

Specifications

	MAX BR1 Pro
WAN Interface	1x GE 1x Embedded LTE Modem with Redundant SIM Slots
LAN Interface	4x GE
Wi-Fi Interface	802.11a/n or b/g/n 300Mbps
Router Throughput	120Mbps
Recommended Users	60
LTE Modem	Downlink/Uplink Datarate: 100Mbps/50Mbps
LTE-A Modem	Downlink/Uplink Datarate: 300Mbps/50Mbps
Antenna Connector	2x Indoor 4G LTE Antenna Connector 2x RP-SMA Wi-Fi Connectors 1x SMA GPS Antenna Connector
Power Input	DC Jack/Terminal Block: 10V – 24V DC
Power Consumption	25W (max.)
Dimensions	8.7 x 5.2 x 1.6 inches 221 x 131 x 40 mm
Weight	1.83 pound 830 grams
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS
Warranty	1-Year Limited Warranty

Rugged Enclosure Ideal for Demanding Applications

1.6 inches 40 mm
8.7 inches 221 mm
5.2 inches 131 mm

RP-SMA Wi-Fi Antenna Connector
4x 100/1000M Ethernet LAN
RP-SMA Wi-Fi Antenna Connector
10V-30V DC Connector
10V-30V DC Terminal Block
Reset Button

SMA Cellular Antenna Connectors
GPS Antenna Connector
Redundant SIM Slots

Product Ordering Information

	Product Code	Carrier	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
LTEA	MAX-BR1-PRO-LTEA-W-T	Worldwide	FDD LTE: B1/2100, B2/1900, B3/1800, B4/AWS, B5/850, B7/2600, B8/900GSM , B12/700a, B13/700c, B20/800DD, B25/1900+, B26/850+, B29/700d, B30/2300WCS, B41/TD2500	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B3/1800, B4/AWS, B5/850, B8/900 B29/700d, B30/2300WCS, B41/TD2500
	MAX-BR1-PRO-LTEA-P-T	Asia Pacific	B1/2100, B3/1800, B5/850, B7/2600, B8/900, B18/800 Lower, B19/800 Upper, B21/1500 Upper, B28/700 APT, B38/TD 2600, B39/TD 1900+, B40/TD 2300, B41/TD 2500	WCDMA/HSPA+/DC-HSPA+: B1/2100, B5/850, B6/800, B8/900, B9/1800, B19/800 Upper TD-SCDMA: B39/1900
LTE	MAX-BR1-PRO-LTE-US-T	Verizon/Sprint/ AT&T/T-Mobile	4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700,B25/1900	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B4/AWS, B5/850, B8/900 EV-DO Rev.A: BC0/800, BC1/1900, BC10/800
	MAX-BR1-PRO-LTE-E-T	Europe/International	4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	WCDMA/HSPA+/DC-HSPA+: B1/2100, B5/850, B6/800, B8/900

Features

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 Options
DHCP Reservation
DNS Proxy for LAN Clients
VLAN on LAN Support

Security
Stateful Firewall
DoS Prevention
Web Blocking
Web Filtering Blacklist

Complete VPN Solution
PepVPN / SpeedFusion Hot Failover
    Site-to-Site VPN
    Hot Failover
    256-bit AES Encryption
    Pre-shared Key Authentication
    Dynamic Routing
IPsec VPN (Network-to-Network)

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

Advanced QoS
User Groups
    Individual Bandwidth Limit
Application Prioritization
    SIP, HTTPS, VPN QoS
    Custom Application QoS

Device Management
Web Administrative Interface
Command Line Interface
InControl 2 Cloud Managment
Router Utility Mobile App
Email Notification
Active Client & Session Lists
Bandwidth Usage Statistics
Web Reporting Services
Syslog Service
SNMP v1, v2c and v3

Global Positioning System
Integrated GPS
Device Location Map
Location Tracking Data
Fleet Management with InControl 2

Package Content
MAX BR1 Pro
12V3A Power Supply
2x 5dBi Wi-Fi Antennas
2x 2dBi 4G LTE Antennas
1x GPS Antenna

peplink | PEPWAVE