

MAX BR1 M2M



Quick Look

Cellular	Ethernet WAN	Ethernet LAN	Router Throughput	SpeedFusion VPN Throughput (No Encryption)	SpeedFusion VPN Throughput (256-bit AES)
1	1 (FE)	1 (FE)	100Mbps	40Mbps	20Mbps

Interfaces

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

Performance

Recommended Users	1-60
Number of SpeedFusion VPN Peers	2/5 ¹

Wireless Details

LTE Category Options	CAT 4
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	No

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	No

VPN Functionality

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

Hardware

Enclosure	Indoor, Metal
Terminal Block Power Connector for Mobile/Vehicular Deployment	Yes
AC Adapter	AC Input 100V – 240V DC Output 12V, 2A
Input Voltage	DC 10-30V
PoE Input	No
PoE Output	No
Power Consumption	Max.: 10W
Dimensions in inches	4.8 x 3.8 x 1.1 inches
Dimensions in mm	120 x 97 x 26mm
Weight (Pound)	0.8 pound
Weight (Grams)	350 grams
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)

Certifications

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

[1] Requires license to increase maximum number of PepVPN/SpeedFusion Peers. Several options are available based on the model 5, 10 or 20 peers (PVN-LC-05, PVN-LC-10, PVN-LC-20).

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

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

[4] 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

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

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