Tech Specs | MAX Series

MAX BR1 Pro 5G

Quick Look

Cellular	Ethernet WAN	Ethernet LAN	Router Throughput	PepVPN Throughput (No Encryption)	PepVPN Throughput (256-bit AES)
1	1 (2.5G)	2 (GE)	1Gbps	400Mbps	200Mbps

Interfaces

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

Performance

Recommended Users	1-150
Number of PepVPN / SpeedFusion Peers	2/5^

Wireless Details

LTE Category Options	1x 5G
Band 71	Yes
SIM Slots	2
Wi-Fi Radio	Dual (2.4GHz + 5GHz) 2x2 Wi-Fi 6
SIM Card Size	Nano-SIM (4FF)
Transmit Power (2.4GHz, single chain)	24dBm
Transmit Power (5GHz, single chain)	26dBm
Multiple SSIDs	16
Captive Portal	Yes
GPS	Yes

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Features

Ignition Sensing	Yes
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

PepVPN	Yes
SpeedFusion Hot Failover	Yes
SpeedFusion WAN Smoothing	Yes
SpeedFusion Bandwidth Bonding	Yes *
Number of IPsec Tunnels	5
Maximum PPTP/L2TP/ OpenVPN Users	3

Hardware

Enclosure	Indoor, Metal
Terminal Block Power Connector for Mobile/Vehicular Deployment	No
AC Adapter	AC Input 100V – 240V DC Output 12V, 2A
Input Voltage	DC 10 - 30V
PoE Input	No
PoE Output	No
Power Consumption	MAX: 19W Nominal: 8W
Dimensions in inches	5.78 x 5.08 x 1.15 inches
Dimensions in mm	146.8 x 129 x 29.3 mm
Weight (Pound)	1.28 pounds
Weight (Grams)	580 g
Operating Temperature	-40°– 149° F -40°– 65° C"
Humidity	15% – 95% (non-condensing)

Certifications

FCC, CE, RoHS	Yes
E-Mark (Motor Vehicle)	Yes
EN 61373 Shock and Vibration Resistance	Yes
EN 50155 Railway Applications – Electronic Equipment used on Rolling Stock	Yes
EN 61000 Electromagnetic Compatibility	Yes
Warranty	1-Year Limited Warranty

[+] The WAN port can act as a LAN port if needed.
[^] 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled with PrimeCare Subscription, complimentary for the first year
[*] Requires PrimeCare Subscription, complimentary for the first year
"E-Mark (Motor Vehicle)" & "EN 61373 Shock and Vibration Resistance" Certification pending
[1] The frequency range for 2.4GHz and 5GHz are 2412−2472 MHz and 5180−5825 MHz respectively.
[2] Recommendated user: Recommendation for sizing purposes only. No software restrictions applied.
[3] Router Throughput and PepVPN/SpeedFusion 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.

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