MAX BR1 Mini 5G

Quick Look

Cellular	Ethernet WAN	Ethernet LAN	Router Throughput	SpeedFusion VPN Throughput (No Encryption)	SpeedFusion VPN Throughput (256-bit AES)
1	0/1 (GE) $	3/2 (GE) $	300Mbps	80 Mbps	20/60Mbps^

Interfaces

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

Performance

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

Wireless Details

LTE Category Options	1x 5G
Band 71	Yes
SIM Slots	2
Wi-Fi Radio	N/A
SIM Card Size	Nano-SIM (4FF)
Transmit Power (2.4GHz, single chain)	N/A
Transmit Power (5GHz, single chain)	N/A
Multiple SSIDs	N/A
Captive Portal	Yes
GPS	No

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		No

VPN Functionality

SpeedFusion VPN	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	Compact, Indoor Metal
Terminal Block Power Connector for Mobile/Vehicular Deployment	Yes
AC Adapter	AC Input 100V-240V DC Output 12V, 2A
Input Voltage	DC 10V-30V
PoE Input	1x 802.3at PoE
PoE Output	No
Power Consumption	Max.: 13W Nominal: 11W
Dimensions in inches	5.0 x 4.2 x 1.4 inches
Dimensions in mm	125.7 x 107 x 35 mm
Weight (Pound)	0.93 pounds
Weight (Grams)	420 grams
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)

Certifications

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

[$] Available with PrimeCare Subscription, complimentary for the first year. PrimeCare Enables Ethernet WAN, Wi-Fi WAN, Hot Failover, Smoothing. Alternatively, without a PrimeCare Subscription, Feature pack license (MAX-BR1-MINI-FP) is required to activate the perpetual license for the aforementioned features.

[^] 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled with PrimeCare Subscription. complimentary for the first year.

[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.