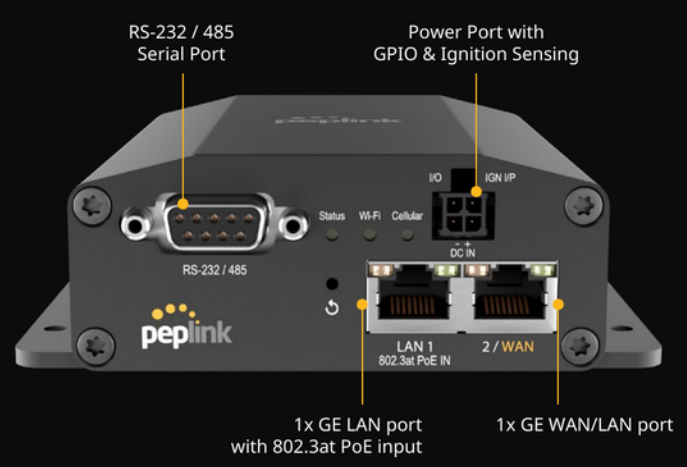
SPECIFICATIONS

BR1 Mini M2M RedCap

MAX-BR1-MINI-M2M-5GRC-P-T-PRM





CELLULAR

Modem	1x 5G RedCap Modem with Redundant SIM Slots
Cellular Data Rate[1]	5G RedCap: 223 Mbps / 123 Mbps LTE CAT-4: 200 Mbps / 105 Mbps
SIM Options	Nano-SIM (4FF) Peplink eSIM BYO eSIM (4 profiles)
Antenna Connectors	2x SMA Cellular Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector

INTERFACES

WAN	1x 10/100/1000M Ethernet[2]
LAN	1x 10/100/1000M Ethernet
Wi-Fi	Simultaneous Dual-Band (2.4 GHz / 5 GHz) Wi-Fi 5, 2x2 MIMO Wi-Fi WAN[3] and/or AP
Serial	RS-232 / RS-485
I/O	GPIO Ignition sensing

PERFORMANCE

Router Throughput	300 Mbps
Recommended Users	1–60
Certifications	FCC, CE, RoHS UL 121201 (Class I, Division 2) EN 61373 (shock and vibration resistance) EN 50155 (railway), EN 61000 (EMC)

SPEEDFUSION™

Technologies	Hot Failover[3], Smoothing[3], Bandwidth Bonding[3], SpeedFusion Boost[3]
VPN Peers	2 / 5[3]
VPN Throughput	No encryption: 80 Mbps 256-bit AES: 60 Mbps

POWER

Power Input	AC Adapter: AC Input 100–240 V / DC Output 12 V 4-Pin Micro-Fit Connector: 10–30 V DC Power over Ethernet 802.3at
Power Consumption	Typical: 5.2 W Max: 10 W

PHYSICAL & ENVIRONMENTAL

Dimensions	5.1 x 4.2 x 1.4 inches 129.5 x 107 x 35 mm
Weight	1 pound / 455 grams
Operating Temperature	–40° to 149°F / –40° to 65°C
Humidity	15–95% (non-condensing)

PACKAGE & WARRANTY

Package Content	1x BR1 Mini M2M RedCap 2x LTE/5G Antennas 2x Dual-Band Wi-Fi Antennas 1x GPS Active Antenna 1x 12 V DC, 2 A 4-Pin Power Supply
Warranty	1-Year Limited Warranty

NOTES

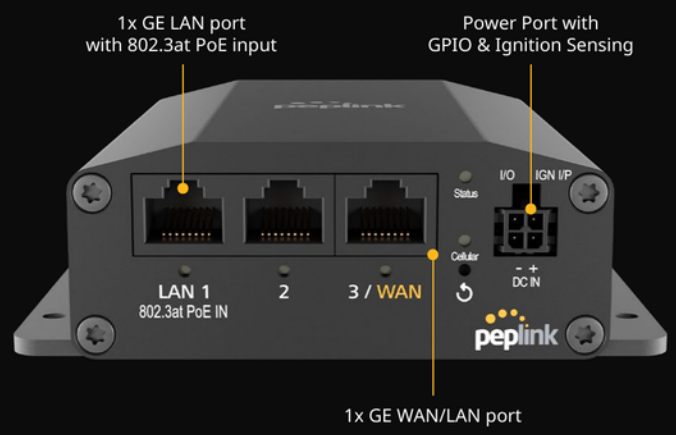
[1] Theoretical maximum rates.
[2] Requires the feature pack license (MAX-BR1-MINI-LC-FP).
[3] Requires a PrimeCare subscription, first year included, or the feature pack license (MAX-BR1-MINI-LC-FP).

Specifications are subject to change without notice.

SPECIFICATIONS

BR1 Mini RedCap

MAX-BR1-MINI-5GRC-P-T-M-PRM





CELLULAR

Modem	1x 5G RedCap Modem with Redundant SIM Slots
Cellular Data Rate[1]	5G RedCap: 223 Mbps / 123 Mbps LTE CAT-4: 200 Mbps / 105 Mbps
SIM Options	Nano-SIM (4FF) Peplink eSIM BYO eSIM (4 profiles)
Antenna Connectors	2x SMA Cellular Antenna Connectors 1x SMA GPS Antenna Connector

INTERFACES

WAN	1x 10/100/1000M Ethernet[2]
LAN	2x 10/100/1000M Ethernet
I/O	GPIO Ignition sensing

PERFORMANCE

Router Throughput	300 Mbps
Recommended Users	1–60
Certifications	FCC, CE, RoHS UL 121201 (Class I, Division 2) EN 61373 (shock and vibration resistance) EN 50155 (railway), EN 61000 (EMC)

SPEEDFUSION™

Technologies	Hot Failover[3], Smoothing[3], Bandwidth Bonding[3], SpeedFusion Boost[3]
VPN Peers	2 / 5[3]
VPN Throughput	No encryption: 80 Mbps 256-bit AES: 60 Mbps

POWER

Power Input	AC Adapter: AC Input 100–240 V / DC Output 12 V 4-Pin Micro-Fit Connector: 10–30 V DC Power over Ethernet 802.3at
Power Consumption	Typical: 4.2 W Max: 6.7 W

PHYSICAL & ENVIRONMENTAL

Dimensions	5.0 x 4.2 x 1.4 inches 125.7 x 107 x 35 mm
Weight	0.95 pounds / 430 grams
Operating Temperature	–40° to 149°F / –40° to 65°C
Humidity	15–95% (non-condensing)

PACKAGE & WARRANTY

Package Content	1x BR1 Mini RedCap 2x LTE/5G Antennas (ACW-235) 1x GPS Active Antenna (ACW-232) 1x 12 V DC, 2 A 4-Pin Power Supply (ACW-632)
Warranty	1-Year Limited Warranty

NOTES

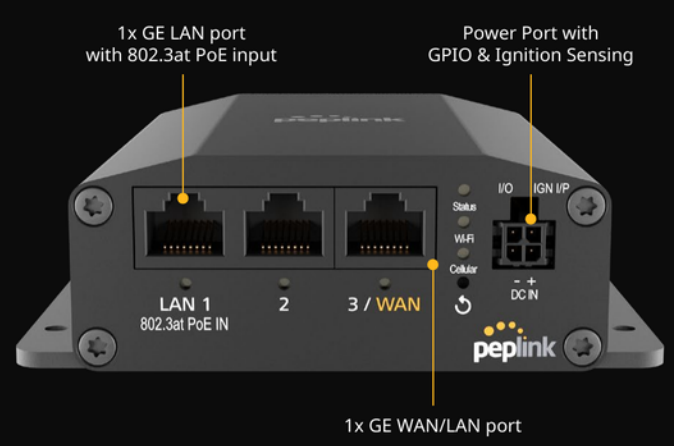
[1] Theoretical maximum rates.
[2] Requires the feature pack license (MAX-BR1-MINI-LC-FP).
[3] Requires a PrimeCare subscription, first year included, or the feature pack license (MAX-BR1-MINI-LC-FP).

Specifications are subject to change without notice.

SPECIFICATIONS

BR1 Mini RedCap (Wi-Fi)

MAX-BR1-MINI-5GRC-P-T-PRM





CELLULAR

Modem	1x 5G RedCap Modem with Redundant SIM Slots
Cellular Data Rate[1]	5G RedCap: 223 Mbps / 123 Mbps LTE CAT-4: 200 Mbps / 105 Mbps
SIM Options	Nano-SIM (4FF) Peplink eSIM BYO eSIM (4 profiles)
Antenna Connectors	2x SMA Cellular Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector

INTERFACES

WAN	1x 10/100/1000M Ethernet[2]
LAN	2x 10/100/1000M Ethernet
Wi-Fi	Simultaneous Dual-Band (2.4 GHz / 5 GHz) Wi-Fi 5, 2x2 MIMO Wi-Fi WAN[3] and/or AP
I/O	GPIO Ignition sensing

PERFORMANCE

Router Throughput	300 Mbps
Recommended Users	1–60
Certifications	FCC, CE, RoHS UL 121201 (Class I, Division 2) EN 61373 (shock and vibration resistance) EN 50155 (railway), EN 61000 (EMC)

SPEEDFUSION™

Technologies	Hot Failover[3], Smoothing[3], Bandwidth Bonding[3], SpeedFusion Boost[3]
VPN Peers	2 / 5[3]
VPN Throughput	No encryption: 80 Mbps 256-bit AES: 60 Mbps

POWER

Power Input	AC Adapter: AC Input 100–240 V / DC Output 12 V 4-Pin Micro-Fit Connector: 10–30 V DC Power over Ethernet 802.3at
Power Consumption	Typical: 5.2 W Max: 10 W

PHYSICAL & ENVIRONMENTAL

Dimensions	5.0 x 4.2 x 1.4 inches 125.7 x 107 x 35 mm
Weight	0.95 pounds / 430 grams
Operating Temperature	–40° to 149°F / –40° to 65°C
Humidity	15–95% (non-condensing)

PACKAGE & WARRANTY

Package Content	1x BR1 Mini RedCap (Wi-Fi) 2x LTE/5G Antennas (ACW-235) 2x Dual-Band Wi-Fi Antennas (ACW-342) 1x GPS Active Antenna (ACW-232) 1x 12 V DC, 2 A 4-Pin Power Supply (ACW-632)
Warranty	1-Year Limited Warranty

NOTES

[1] Theoretical maximum rates.
[2] Requires the feature pack license (MAX-BR1-MINI-LC-FP).
[3] Requires a PrimeCare subscription, first year included, or the feature pack license (MAX-BR1-MINI-LC-FP).

Specifications are subject to change without notice.