

# 5G Fully Ruggedised Day One Connectivity

Deliver networks wherever and whenever they're needed with the Westbase.io 5G Rapid Connectivity Case. The case includes an integrated 9-in-1 antenna, built-in battery, mounting plates and external, ruggedised Ethernet sockets. Simply combine it with your router (sold separately) and it's ready to connect.

## Description

Designed for use with the Cradlepoint R1900, the Westbase.io 5G Rapid Connectivity Case is fully portable, highly ruggedised, and suitable for a range of environments (IP67 with the lid down).

This makes it ideal for delivering a temporary or pop-up network across many industries, from day one connectivity on a construction site to pop-up retail and hospitality stores.

## Key Features

- | 9-in-1 integrated antenna (4x Cellular, 4x WiFi, 1x GPS)
- | 4x External ruggedised RJ45 Ethernet sockets
- | Battery fuel gauge to easily check charge state
- | Onboard high capacity 14Ah Lithium Polymer battery with external ruggedised charge socket
- | Integrated Battery Management System (BMS) protects battery Health
- | Staging services to pre-fit your router in the case are available from Westbase.io



## Environmental Specifications

- | Ingress Protection: IP67 (lid closed)
- | Op Temp. (Charging): 0°C - 45°C
- | Op Temp. (Discharging): -10°C - 60°C

## Physical Dimensions

- | Width: 31.5cm (12.4 inches)
- | Length: 38.1cm (15 inches)
- | Height: 17.8cm (7 inches)

## Antenna Specifications

ID	Port	Parameters	Units	Typ.
Radiated Efficiency	LTE-1,2,3,4	617 – 894 MHz	%	70
	LTE-1,2,3,4	698 – 984 MHz		85
	LTE-1,2,3,4	1710 – 2200 MHz		85
	LTE-1,2,3,4	2200 – 2700 MHz		70
	LTE-1,2,3,4	3400 – 4000 MHz		50
	LTE-1,2,3,4	5150 – 5925 MHz		40
	GPS	1575.42 MHz		80
	WiFi-1 thru 4	2400 – 2483.5 MHz		80
	WiFi-1 thru 4	4900 – 5900 MHz		70
Peak Gain	LTE-1,2,3,4	617 – 698 MHz	dBi	2
	LTE-1,2,3,4	698 – 894 MHz		5
	LTE-1,2,3,4	1710 – 2200 MHz		5
	LTE-1,2,3,4	2200 – 2700 MHz		5
	LTE-1,2,3,4	3400 – 4000 MHz		4
	LTE-1,2,3,4	5150 – 5925 MHz		6
	GPS	1575.42 MHz		6
	WiFi-1,2,3,4	2400 – 2483.5 MHz		4
	WiFi-1,2,3,4	4900 – 5900 MHz		6
Return Loss	LTE-1,2,3,4	617 – 698 MHz	dB	7.5
	LTE-1,2,3,4	698 – 894 MHz		9
	LTE-1,2,3,4	1710 – 2200 MHz		11
	LTE-1, 2,3,4	2200 – 2700 MHz		7
	LTE-1,2,3,4	3400 – 4000 MHz		8
	LTE-1,2,3,4	5150 – 5925 MHz		8
	GPS	1575.42 MHz		12
	WiFi-1,2,3,4	2400 – 2483.5 MHz		14
	WiFi-1,2,3,4	4900 – 5900 MHz		10
Isolation	LTE	617 – 894 MHz	dB	12
	LTE	1710 – 2700 MHz		20
	LTE	3400 – 4000 MHz		25
	LTE	5150 – 5925 MHz		35
	WiFi	2400 – 2483.5 MHz		19
	WiFi	4900 – 5900 MHz		25

For more information, or to order, simply contact [Westbase.io](https://www.westbase.io):

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