



Boxer Pro Series

Compact, Portable, High Performance Case
for Primary or Failover



Boxer Pro Series



Connectivity You Can Carry. Reliability You Can Trust.



**Antenna built seamlessly into
Case Lid**

The Boxer PRO Series is the latest **high-performance 4x4 MIMO cellular, Up to 4x4 MIMO Wi-Fi, 5G Omni-Directional case, featuring up to a 9:1 antenna configuration.**

Engineered for maximum mobility, it delivers an on-the-go network solution and acts as a reliable emergency mobile hotspot. This compact device supports C-band frequencies and is the most powerful portable system to date.

Compact, Portable, and High-Performance Design **Connectivity Game-Changer**

With a streamlined design, this device is the most compact, high-performing mobile network solution, measuring **13 in × 9.25 in × 5.12 in**—small enough to fit in a backpack or airplane carry-on. Built as a durable, shock-resistant case, it delivers reliable performance in the field while maintaining strong 5G connectivity.



Connectivity You Can Carry. Reliability You Can Trust.

Built for Any Mission, Ready When You Are Instant Network Access, Wherever You Go

Engineered for demanding environments, the device uses shock-absorbing materials and impact-resistant resin to maintain performance during heavy field use. Its rugged build ensures dependable connectivity when reliability is critical.

**PARSEC'S PATENTED ANTENNA TECHNOLOGY WITH
EXTENDED RANGE UP TO 15+ MILES FOR 5G!**

IP54 weatherproof
when all ports and lid
are closed and **IP67
weather resistant** when
lid is closed.

Battery Tray



Fan and Vent



USB Adapter

- Long-lasting 12–18 hour battery life
- High isolation and built-in ground plane
- Rugged, high-efficiency, high-gain antenna
- Full 600 MHz–6 GHz coverage

Made to Support Your Every Move.

Applications



First Responders



Police & Fire



Government Buildings



Healthcare Facilities



Remote Sites



Primary & Failover Network

Why Choose the Boxer

- High-performance connectivity
- Extended device battery life
- Rugged design
- Mission-ready



Specification Overview

PRO Boxer Series		
Applications:	Emergency Communication, Backup Mobile Command Center	
Configurations:	9:1 – 4 CELL, 4 Wi-Fi, GPS 7:1 – 4 CELL, 2 Wi-Fi, GPS 5:1 – 2 CELL, 2 Wi-Fi, GPS	
Categories:	Enterprise, Mobile, Public Safety, 5G	
Antennas Included:	Cellular, Wi-Fi, Bluetooth and GPS	
Type:	Case/Enclosure	
Antenna Pattern:	Omni-Directional	
Available Colors:	Black	
Cable Type:	SMA(M) , RP-SMA(M)	
Cable Type:	Cellular	RG-316
	Wi-Fi	RG-316
	GPS	LSR100
Standard Cable Length:	13 IN Pigtails	
Standard Connector options:	Cellular	SMA(M)
	Wi-Fi	RP-SMA(M)
	GPS	SMA(M)

Specifications

Frequencies			
4G/5G Cellular	617-894 MHz 1710-2700 MHz 3400-4000 MHz 5150-5925 MHz	Wi-Fi	2400-2483.5 MHz 4900-5900 MHz
		GPS	1575.42 MHz
4G/5G Bands			
North America		B2, B4, B5, B7, B12, B14, B17, B25, B26, B29, B30, B41, B46, B48, B66, B71n2, n5, n12, n25, n26, n41, n48, n66, n71, n77	
EMEA		B1, B3, B7, B20, B28, B42, B43, B46n1, n3, n28, n77, n78	
Hardware			
Dimensions	13 inch length 9.25 inch height 5.12 inch width	Operating Temperature	-30°C to 85°C OR -22°F to 180°F
Power	110-120 Volt AC (60 Hz)	Ingress Protection	IP54 for -G2 & L Version *when all ports and lid are closed
Battery (not included)	Omnicharge 30C+ Custom Battery, OP3CPA01 (-G2, -G2B, R9, R9B, XR, XRB Versions)	Radome Material	Plastic
Battery (included)	Omnicharge 30C+ OP3CPA01 Custom Battery, (-G2, R9, XR Versions)	Connectors	CELL: SMA(M) Wi-Fi: RP-SMA(M) GPS: SMA(M)
Connectors	CELL: SMA(M) Wi-Fi: RP-SMA(M) GPS: SMA(M)	RF Cable Length	13 inch pigtails

Router Options (G2 & G2B)	Ericsson S700 Ericsson IBR900 Ericsson IBR600 Ericsson R500 Peplink MAX Transit Duo Peplink MAX BR1 Pro 5G Peplink MAX BR1 Mini 5G	Max Router Configuration	4 Cellular, 4 Wi-Fi, GPS
Router Options (R9 & R9B)	Ericsson R920 Ericsson R980	Max Router Dimensions	5.8” X 5.1” X 1.15”
Router Options (XR & XRB)	Sierra Wireless XR60		
- For customizations, such as Connector Type, Cable Length, Color, Configuration, and Branding, please reach out to Parsec at sales@parsec-t.com. - For different router configurations, reach out to Parsec for more information. - Temperature range is for antenna only. Equipment installed inside the enclosure may have a different temperature range. *Openings in the enclosure for options like fans and power cords may reduce ingress protection even with covers installed.			

Part Number Key & Ordering Guide

Part Number Key (Part number example for a 9:1 Boxer antenna: PRO9BX4L4WG)		
Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of Antenna in Housing/Configuration	9:1	PRO9
Antenna Abbreviation for Boxer	BX	PRO9BX
Number of Cellular Elements	#L	PRO9BX4L
Number of Wi-Fi Elements	#W	PRO9BX4L4W
Number of GPS Elements	G	PRO9BX4L4WG
Optional G2 Version - Includes the options listed	-G2	PRO9BX4L4WG-G2
Optional L Version - Includes the options listed	-L	PRO9BX4L4WG-L
For customizations, such as Connector Type, Cable Length, Configuration, and Branding, please reach out to Parsec at sales@parsec-t.com.		

Electrical Specifications

ID	Port	Parameters	Typ.
Radiated Efficiency (%)	CELL 1 thru 4	617-698 MHz	70
	CELL 1 thru 4	698-894 MHz	75
	CELL 1 thru 4	1710-2200 MHz	85
	CELL 1 thru 4	2200-2700 MHz	80
	CELL 1 thru 4	3400-4000 MHz	70
	CELL 1 thru 4	5150-5925 MHz	85
	Wi-Fi 1 thru 4	2400-2483.5 MHz	80
	Wi-Fi 1 thru 4	4900-5900 MHz	85
Peak Gain (dBi)	CELL 1 thru 4	617-698 MHz	2.5
	CELL 1 thru 4	698-894 MHz	3.5
	CELL 1 thru 4	1710-2200 MHz	6
	CELL 1 thru 4	2200-2700 MHz	5
	CELL 1 thru 4	3400-4000 MHz	5
	CELL 1 thru 4	5150-5925 MHz	8
	Wi-Fi 1 thru 4	2400-2483.5 MHz	5
	Wi-Fi 1 thru 4	4900-5900 MHz	7
Return Loss 50 Ω (dB)	CELL 1 thru 4	617-849 MHz	8.5
	CELL 1 thru 4	849-894 MHz	12
	CELL 1 thru 4	1710-2700 MHz	11
	CELL 1 thru 4	3400-4000 MHz	12
	CELL 1 thru 4	5150-5925 MHz	7
	Wi-Fi 1 thru 4	2400-2483.5 MHz	9.5
	Wi-Fi 1 thru 4	4900-5900 MHz	8
			12
Isolation (dB)	CELL	617-698 MHz	7
	CELL	698-894 MHz	8
	CELL	1710-2200 MHz	18
	CELL	2200-2700 MHz	20
	CELL	3400-4000 MHz	22
	CELL	5150-5925 MHz	27
	Wi-Fi	2400-2483.5 MHz	15
	Wi-Fi	4900-5900 MHz	22
Polarization (dBi)	CELL, Wi-Fi		Linear
Max Input Power (Watts)	CELL, Wi-Fi		5
RF Connectors	CELL Wi-Fi		SMA(M) RP-SMA(M)
RF Cable Type	CELL, Wi-Fi, GPS		RG-316 LSR100

- Isolation, return loss, and peak gain do not include cable loss from 13 inch cables supplied.
- SMA connectors have a max torque of 3-5 inch lbs.
- Electrical specifications based on antenna mounted in the lid of the plastic enclosure.
- ***Battery, router, and SIM Card are not included.** Customers should contact Parsec’s authorized distributors and VAR’s listed on our website for a full list of routers and other options that will complete the Emergency Hot Spot.

GNSS Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Antenna + Preamp Gain (dBic)	GPS	1570-1581 MHz	33
Polarization	GPS		RHCP
Filter Rejection (dB)	GPS	1625 MHz	12
GNSS Preamp Voltage (mA)	GPS		2.2 to 5
GNSS Preamp Current (mA)	GPS		5 to 15
RF Connector	GPS		SMA(M)
RF Cable Type	GPS		LSR100

Description	PRO9BX4L4WG	-G2B, -R9/- R9B, -XR/-XRB Versions	-L Version
Antenna	Yes	Yes	Yes
Fan and Vent	No	Yes	Qty. 2 Vent/No Fan
Barrel Connector	No	No	Yes
USB-C Connector	No	Yes	No
2x RJ-45 Connectors	No	Yes	Yes
Router Mount Plate	No	Yes	Yes
Top Cover	No	Yes	Yes
30C+ Battery Tray	No	Yes	No
Battery: -G2 Version: OmniCharge 30C+ Battery Pack (Batteries are not included with the Antenna and must be purchased separately.) Battery and charger are included with the -G2B, -R9B, and -XRB Versions. For more information, see our Installation Instructions at Parsec-t.com for Boxer Case Series.			

Maximum Configurations

<i>Configurations</i>	<i>Part Number</i>	<i>Description</i>
9:1	PRO9BX4L4WG	4 Cellular, 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid
	PRO9BX4L4WG-L	4 Cellular, 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid with DC Connector (see antenna options for description)
	PRO9BX4L4WG-G2B	4 Cellular, 4 Wi-Fi, GPS, Black Case with Antenna Build into Lid with 30K Battery (see antenna options for description)

Hardware Accessories

<i>Accessories</i>	<i>Part Number</i>
Pole Mount Bracket	PTA0638
Customizable Pole Mount Bracket	PTA0640
Roof Mount Bracket Assembly with L Bracket	PTA0641

Magnetic Boot Mount (Black)	PTA1288
1.5" - 6" Shaft Extender	PTA0635C
Ground Plane with Adhesive Back, 20 in x 20 in, Can Be Cut to Sie	PTA0587
Lightning Arrestor - SMA(F) to SMA(F)	PTA0476
Lightning Arrestor - N(F) to N(M)	PTA0736
SMA Wrench, Key Chain	PTA0194
Service: Cable Sleeving (Priced Per Ft)	Cable Sleeving
Replacement Parts	
Replacement Rooftop Gasket Kit	PTA1287
Hardware Kit for 1.5" Shaft - Nut/Washer	PTA0761
1.5" Star Washer	PTA0257