



Newfoundland CC Pro Series

Emergency Command Center
for Reliable, On-the-Go Connectivity



Newfoundland CC Pro Series



5G Emergency Command Center



2x Border Collie Antennas

The Newfoundland Command Center is a rapidly deployable mobile communications platform built for missions where reliable connectivity and situational awareness are essential. Housed within a rugged portable enclosure, it combines computing, networking, and high-performance antenna technology into a single integrated solution that can be deployed wherever operations demand.

Whether supporting emergency response, disaster recovery, military operations, or critical infrastructure, the Newfoundland Command Center allows teams to establish a fully functional command post in minutes instead of hours.

Mobile Command. Anywhere

Rapidly Deployable Tactical Command Center

- Up to 4x4 MIMO Cellular
- Three integrated 2x2 MIMO Wi-Fi Radios
- Dual-Band L1/L5 GPS
- Omni-directional Coverage
- Fully Integrated Platform



Monitor

Antenna Trays

Newfoundland CC Pro Series



5G Emergency Command Center

Integrated Wireless Performance

Engineered for Reliable Connectivity

Built to maximize wireless performance, the Newfoundland Command Center **integrates high-performance 5G cellular, Wi-Fi, and GPS technologies into one cohesive platform.** Supporting **up to 4x4 MIMO cellular, multiple Wi-Fi radios, and dual-band L1/L5 GPS,** the system provides dependable connectivity and positioning capabilities that help teams remain connected in both urban and remote environments.

Keyboard with
Track Pad



Newfoundland CC Pro Series



5G Emergency Command Center

Field-Ready Design

Rugged. Portable. Mission Ready

Engineered for demanding environments, the Newfoundland Command Center **features a rugged IP54-rated enclosure** designed to **withstand harsh weather, dust, moisture, and the daily rigors of field deployment**. Whether responding to natural disasters, supporting public safety operations, or establishing communications in remote locations, the system delivers the durability required for mission-critical applications.



AC Power Port



RJ-45 Port x2, HDMI Port, and USB Port



Foldable Antenna & Keyboard Trays

Router & Computer Mounted on the Bottom

Built For Critical Communications

Applications



**Emergency &
Disaster Response**



**Field Triage, Search &
Rescue, & Continuity-of-
operations**



**Mobile Incident
Command & Field
Command-post
Operations**



**Public Safety
Broadband
Communications**



**Remote Off-Grid
Sites**



**Temporary Network
Restoration**

Why Choose the Newfoundland CC

- Up to 4x4 MIMO Cellular
- Up to three 2x2 MIMO Wi-Fi
- 600-6000 MHz coverage
- Omni-Directional
- L1/L5 Dual-Band GPS
- Rugged IP54 Rated
- Fullt Integrated Case which includes router, computer NUK display & keyboard



Specification Overview

Newfoundland Command Center		
Applications:	Emergency Communication, Backup Mobile Command Center	
Configurations:	9:1 - 4 CELL, 4-Wi-Fi, L1/L5 Dual Band 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 and Tan	
Cable Type:	Cellular	LSR200
	Wi-Fi	LSR200
	GPS	LSR100
Standard Cable Length:	39 IN Pigtails	
Standard Connector options:	Cellular	Right-Angle SMA(M)
	Wi-Fi	Right-Angle RP-SMA(M)
	GPS	SMA(M)

Specifications

Frequencies			
4G/5G Cellular	617-894 MHz 1710-2700 MHz 3300-4200 MHz 4400-5925 MHz	Wi-Fi	2400-2483.5 MHz 4900-5900 MHz
		L1/L5 Dual Band GPS (Only with 9:1 and 13:1 configurations)	1563 –1587 MHz 1164 –1189 MHz
4G/5G Bands			
North America		B2, B4, B5, B12,B13,B14, B17, B25, B26, B29, B30, B41, B46, B48, B66, B71 n2, n5, n12, n25, n26, n41, n48, n66, n71, n77, n79	
EMEA		B1, B3, B7, B20, B28, B42, B43, B46 n1, n3, n28, n77, n78	
Mechanical		Environmental	
Dimensions (Enclosure)	22.87 inch Length 19.58 inch Width 11.73 inch Height	Operating Temperature	-40°C to 85°C
Dimensions (In Use)	26 inch Length 32 inch Width 26.5 inch Height	Power	120 Volt AC
		Ingress Protection	IP54*
Connectors	CELL: SMA(M)Wi-Fi: RP-SMA(M)GPS: SMA(M)	Radome Material	Plastic with UV Additive
Router Options	EricssonR1900 Ericsson R2400 Peplink MAX BR1 Pro 5G	RF Cable Length	39 inch Pigtails
Max Router Configuration	4 Cellular,6 Wi-Fi, GPS	Cable Type	CELL: LSR200 Wi-Fi: LSR200 GPS: LSR100
Computer Options	1. Intel NUC 12 Mini PC, Intel Core i7, 12 th Generation processor with 16GB RAM, up to 1TB SSD. 2. Intel NUC 12 Mini PC, Intel Core i5, 12 th Generation processor with 16GB RAM, up to 1TB SSD.		

- For customizations, such as Connector Type, Cable Length, Color, Configuration, and Branding, please reach out to Parsec at atsales@parsec-t.com.
- Temperature range is for antenna only. Equipment installed inside the enclosure may have a different temperature range.
- Computer and Router are not provided and must be purchased separately.

*When lid and all ports are closed. Openings in the enclosure for options like fans and power cords may reduce ingress protection even with covers installed.

Technical Drawing

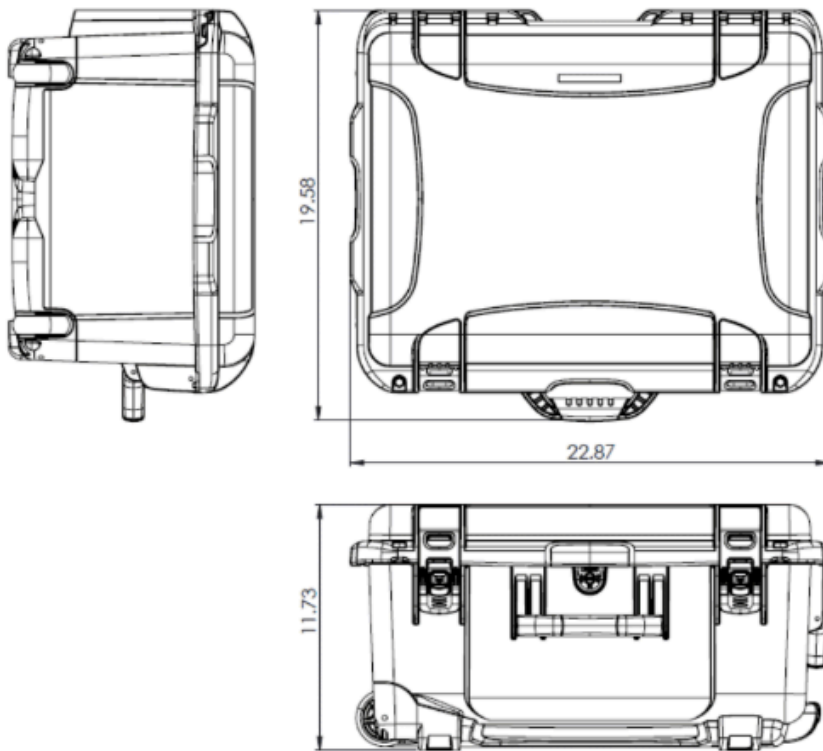


Figure 1: Newfoundland Case Blueprint



Electrical Specifications

<i>ID</i>	<i>Port</i>	<i>Parameters</i>	<i>Typ.</i>
Radiated Efficiency (%)	CELL - 1, 2, 3, 4	617 – 663 MHz	30
	CELL - 1, 2, 3, 4	663 – 698 MHz	55
	CELL - 1, 2, 3, 4	698 – 894 MHz	60
	CELL - 1, 2, 3, 4	1710 – 1850 MHz	60
	CELL - 1, 2, 3, 4	1850 – 2700 MHz	75
	CELL - 1, 2, 3, 4	3300 – 4200 MHz	60
	CELL - 1, 2, 3, 4	4400 – 5000 MHz	55
	CELL - 1, 2, 3, 4	5150 – 5925 MHz	40
	Wi-Fi - 1, 2	2400 – 2483.5 MHz	50
	Wi-Fi - 1, 2	4900 – 5900 MHz	40
Peak Gain (dBi)	CELL - 1, 2, 3, 4	617 – 663 MHz	1
	CELL - 1, 2, 3, 4	663 – 894 MHz	2
	CELL - 1, 2, 3, 4	1710 – 2700 MHz	5.5
	CELL - 1, 2, 3, 4	3300 – 4200 MHz	6.5
	CELL - 1, 2, 3, 4	4400 – 5000 MHz	7
	CELL - 1, 2, 3, 4	5150 – 5925 MHz	5.5
	Wi-Fi - 1, 2	2400 – 2483.5 MHz	5.5
	Wi-Fi - 1, 2	4900 – 5900 MHz	9.5
Return Loss 50 Ω (dB)	CELL - 1, 2, 3, 4	617 – 663 MHz	4.5
	CELL - 1, 2, 3, 4	663 – 798 MHz	9.5
	CELL - 1, 2, 3, 4	849 – 894 MHz	5
	CELL - 1, 2, 3, 4	1710 – 1915 MHz	11
	CELL - 1, 2, 3, 4	1915 – 2300 MHz	9
	CELL - 1, 2, 3, 4	2300 – 2700 MHz	11
	CELL - 1, 2, 3, 4	3300 – 4200 MHz	10
	CELL - 1, 2, 3, 4	4400 – 5000 MHz	7
	CELL - 1, 2, 3, 4	5000 – 5925 MHz	6
	Wi-Fi - 1, 2	2400 – 2483.5 MHz	7.5
	Wi-Fi - 1, 2	4900 – 5900 MHz	10
Isolation (dB)	CELL	617 – 652 MHz	9
	CELL	746 – 859 MHz	7
	CELL	859 – 894 MHz	9
	CELL	1710 – 2110 MHz	14
	CELL	2110 – 2700 MHz	22
	CELL	3300 – 4200 MHz	23
	CELL	4400 – 5925 MHz	19
	Wi-Fi	2400 – 2483.5 MHz	30
	Wi-Fi	4900 – 5900 MHz	35

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		LSR200
- Isolation, return loss, and peak gain do not include cable loss from 39 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. *Computer, 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

<i>ID & Unit</i>	<i>Port</i>	<i>Parameters</i>	<i>Typ.</i>
Antenna + Preamp Gain (dBic)	GPS	L1: 1563–1587 MHz L5: 1164–1189 MHz	28 26
Polarization	GPS		RHCP
Filter Rejection (dB)	GPS	1625 MHz	TBD
GNSS Preamp Voltage (V)	GPS		3 to 5
GNSS Preamp Current (mA)	GPS		< 45mA
RF Connector	GPS		SMA (M)
RF Cable Type	GPS		LSR100

Part Number Key & Ordering Guide

<i>Part number example for a 7:1 Newfoundland Command Center Antenna: PRO7NCC4L2WD</i>		
<i>Description</i>	<i>Abbreviation</i>	<i>Part Number</i>
All PRO Series	PRO	PRO
Number of Elements in Housing/Configuration	7:1	PRO7
Antenna Abbreviation for Newfoundland Command Center	NCC	PRO7NCC
Number of Cellular Elements	#L	PRO7NCC4L
Number of Wi-Fi Elements	#W	PRO7NCC4L2W
Number of L1/L5 Dual Band GPS Elements	D	PRO7NCC4L2WD
Optional L Version - Includes the options listed	-L	PRO7NCC4L2WD-L
For more customizations, please contact us for more information at sales@parsec-t.com . MOQ Applicable.		

Maximum Configurations

<i>Configurations</i>	<i>Part Number</i>	<i>Description</i>
7:1	PRO7NCC4L2WD-L	4 Cellular, 2 Wi-Fi, L1/L5 Dual Band GPS, Black Case with Samsung Display Built into Lid and Keyboard Tray with Keyboard installed (see antenna options for description)
9:1	PRO9NCC4L4WD-L	4 Cellular, 4 Wi-Fi, L1/L5 Dual Band GPS, Black Case with Samsung Display Built into Lid and Keyboard Tray with Keyboard installed (see antenna options for description)

<i>Description</i>	<i>PRO7NCC4L2WD</i>	<i>-L Version</i>
Antenna	Yes	Yes
AC Adapter	No	Yes
HDMI Port	No	Yes
USB-A Connector	No	Yes
RJ-45 Connector	No	Yes – Qty. 2
Router Mount Plate	No	Yes
Top Cover Plate with Keyboard Tray and Antenna Wings	Yes	Yes
Display Mount	No	Yes
Samsung Display Monitor	No	Yes
Keyboard	No	Yes
Accessory Tray	No	Yes
For more information, see our installation instructions at Parsec-t.com for Newfoundland Command Center Case Series.		

Hardware Accessories

Accessories	Part Number
RJ-45 Adapter	PTA0415
USB-A Panel Mount	PTA0448
HDMI Panel Mount	PTA0683
AC Adapter - IEC C14 Panel Mount	PTA0442
AC Power Cable, 1.5 FT	PTA0469
Replacement Parts	
Ethernet Cable, 2 FT	PTA0445
HDMI Cable, 3 FT	PTA1110
USB C to DC 5.5 x 2.1 mm, Power PD Charger Cable, 2 FT Adapter	PTA0632
TG3 Rugged Keyboard	PTA0808
Samsung Monitor	PTA1161
Router Mounting Screws	PTA0071
SMA Wrench, Key Chain	PTA0194
Service: Router Installation	PTA-Install-185