

# MegaReach

## Installation Instructions



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## Required Tools & Accessories

The following tools (not provided) are required for the installation of the MegaReach case antenna:

- Philips Screwdriver

The tables below list the required accessories for the MegaReach antenna.

Provided with Antenna	MegaReach
	<ul style="list-style-type: none"> <li>• PTA0368 Flat Head Screws, 2 pcs</li> <li>• PTA1293 Pan Head Screws, 4 pcs</li> <li>• Battery Plate, 1 pc</li> <li>• Ethernet Cable (connected to Ethernet port on device), 1 pc</li> <li>• USB-C Cable (connected to USB-C port on device), 1 pc</li> </ul>
To be Purchased By Customer	MegaReach
	<ul style="list-style-type: none"> <li>• Router Options (for other routers, contact customer service at <a href="mailto:support@parsec-t.com">support@parsec-t.com</a>)             <ul style="list-style-type: none"> <li>○ Sonim MegaConnect</li> </ul> </li> <li>• Router Charger (provided with Sonim MegaConnect)</li> <li>• Ethernet Cord *</li> </ul>

\*Optional for connecting external devices to the router, length as required by customer

# Router Installation

Step 1: Prepare the Sonim MegaConnect for installation.

- A. Remove the backing from the Sonim MegaConnect by lifting up the cover from the corner shown:



Figure 1: Sonim MegaConnect backing removal

- B. Remove the battery from the Sonim MegaConnect, shown below.



Figure 2: Sonim MegaConnect battery removal

- C. Install the SIM Card into the Sonim MegaConnect.



Figure 3: Sonim MegaConnect SIM card installation

- D. Use canned air or isopropyl alcohol to clean all the connectors to ensure that there is no dust in the terminals.

Step 2: Install the Sonim MegaConnect into the Parsec MegaReach.

- A. Unscrew the screws securing the MegaReach cover and remove the MegaReach cover as shown below



Figure 4: Parsec MegaReach cover removal

- B. Place the Sonim MegaConnect into the MegaReach and connect the cables as shown below and following the diagram:

Sonim MegaConnect	
Antenna Cable	Router Terminal
CELL 1	Cel 1
GPS	GPS
HPUE	HPUE
CELL 2	Cel 2

Cable	Terminal
USB-C	USB-C
Ethernet	Ethernet

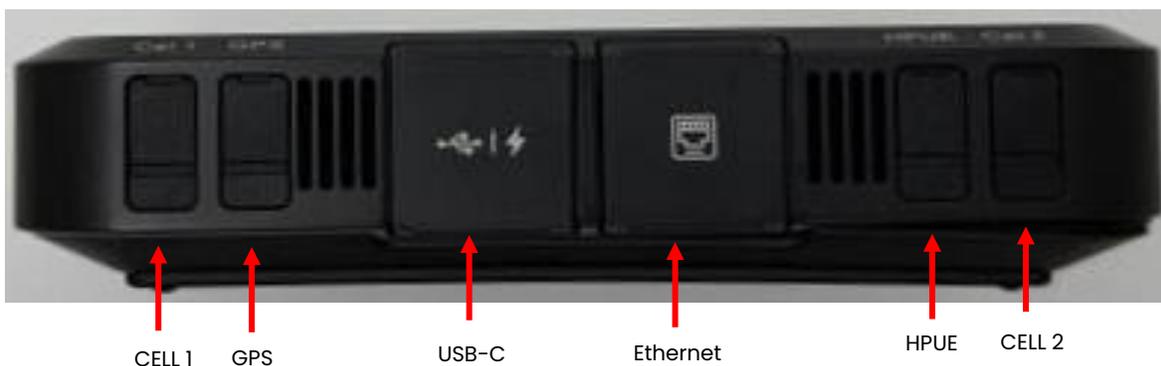
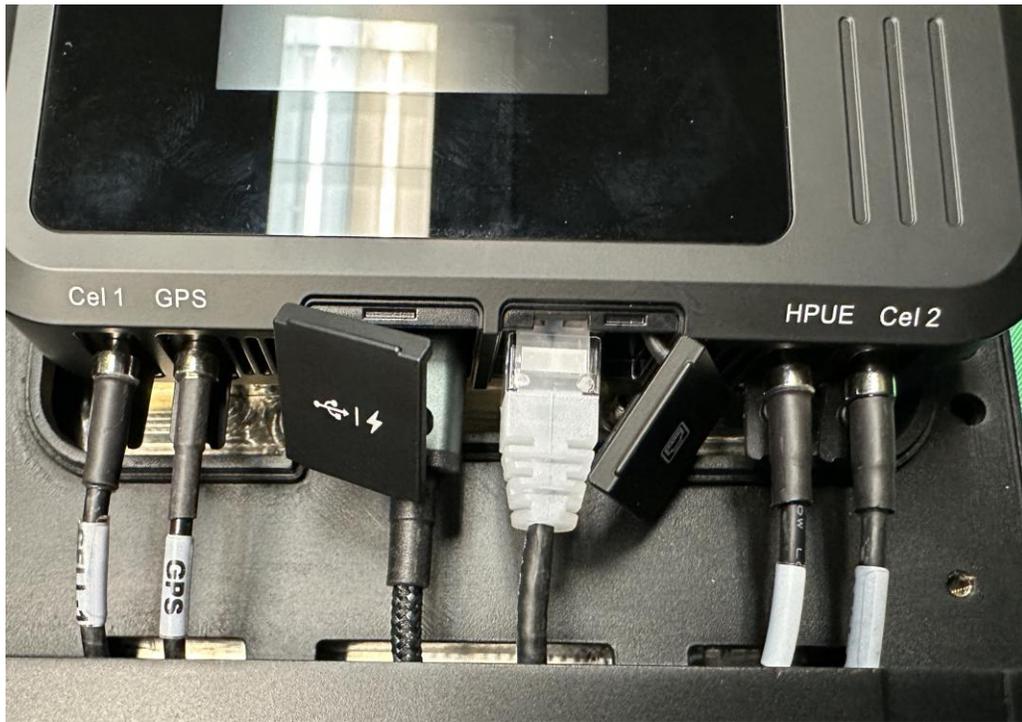
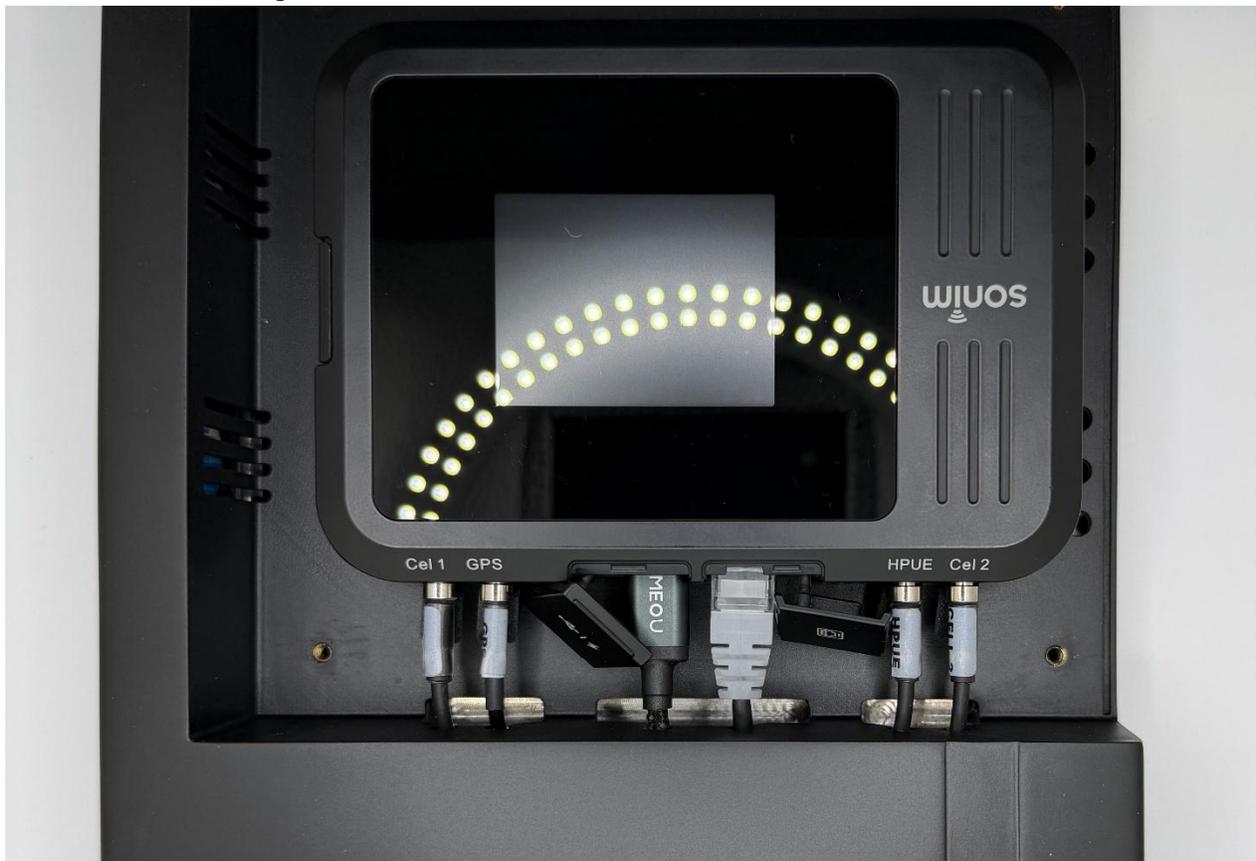


Figure 5: Sonim MegaConnect Connections



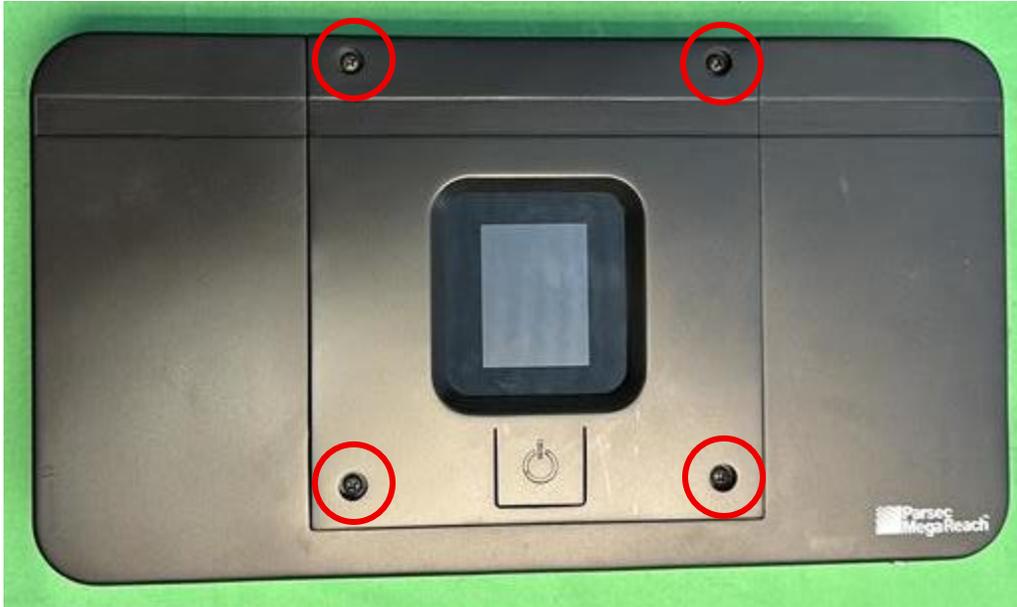
*Figure 6: Sonim MegaConnect connected to Parsec MegaReach*

C. Place the Sonim MegaConnect into the holder as shown below:



*Figure 7: Sonim MegaConnect installed in Parsec MegaReach*

- D. Install the MegaReach cover by screwing in the screws to securing the MegaReach cover as shown below:



*Figure 8: Parsec MegaReach cover installed*

# Battery Installation

Step 1: Install the Sonim MegaConnect battery into the Parsec MegaReach on the bottom.

- A. Flip the MegaReach and unscrew the screws securing the MegaReach battery cover and remove the battery cover as shown below

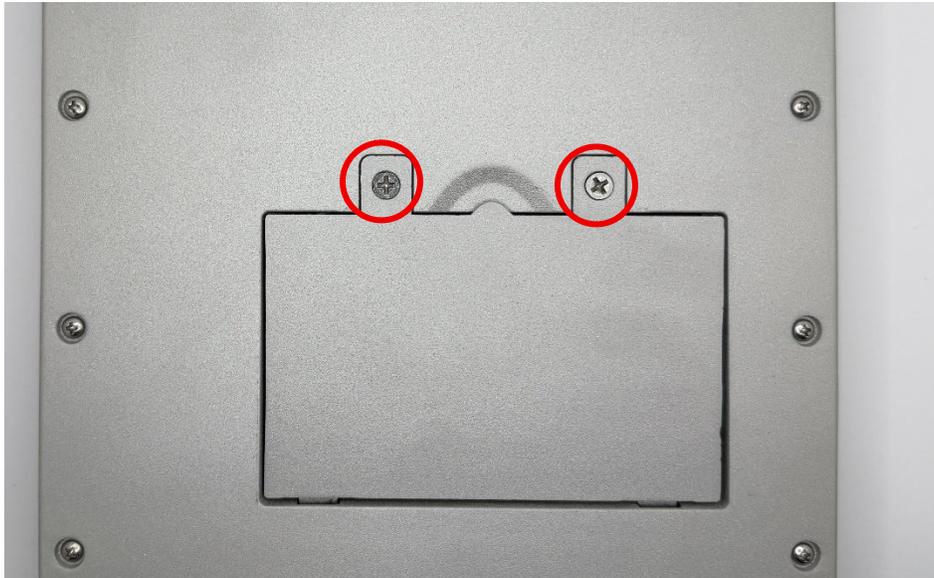


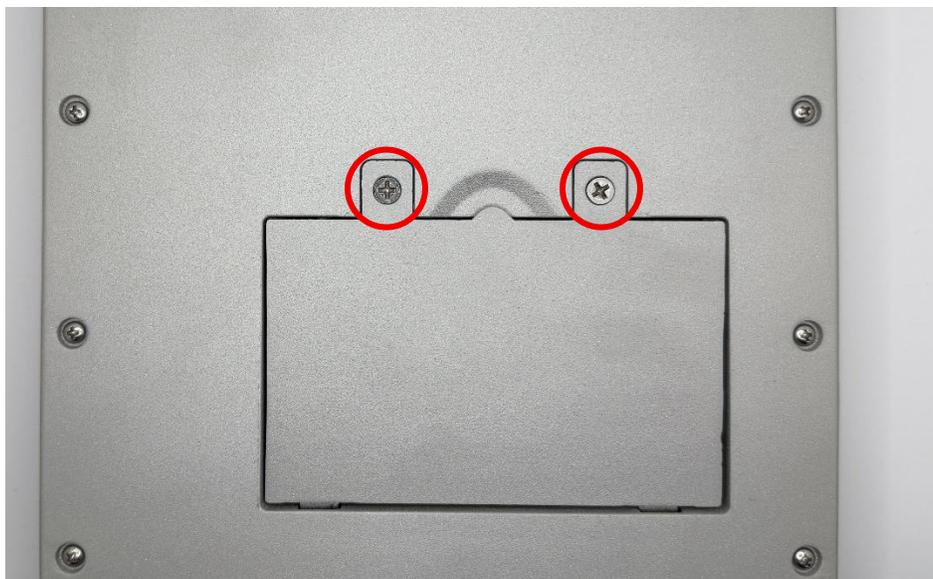
Figure 9: Parsec MegaReach cover removal

- B. Install the battery into the MegaReach as shown below:



Figure 10: Parsec MegaReach battery installation

- C. Install the battery cover by screwing in the screws securing the MegaReach battery cover as shown below:



*Figure 11: Parsec MegaReach cover reinstalled*

# Operational Setup

Step 1: Power on the router.

- A. Press and hold the Power button until the Sonim logo appears on the screen (Approximately 3 seconds).
- B. Open the Wi-Fi settings on your laptop or W-Fi-enabled device that you want to connect to the MegaConnect.
- C. Find your MegaConnect's Wi-Fi name (SSID). There are three Wi-Fi names (SSID), enter the password to connect to any of the three SSIDs for Internet Access.
  - I. Swipe the display to view the Wi-Fi names (SSIDs) and passwords.

Step 2: Power on the fans.

- A. Press the switch button to turn the fans on and to turn the fans off.

## General Instructions

- To power the Sonim MegaConnect, hold the power button on the top for 4 seconds.
- To toggle the Sonim MegaConnect display ON or OFF after the device has been turned on, tap the power button on the top.
- Activate the Parsec MegaReach cooling fans by pressing the button switch on the side of the MegaReach, a blue light outlining the switch indicates that the fans have been turned ON.
- Ensure that the Parsec MegaReach is oriented properly while being used.
- Use only the Sonim Technologies - approved power adapter and cable that comes provided with the hotspot.

## Critical Notes:

- Device is not waterproof. Do not expose product to wet conditions such as water, rain, harsh chemicals, compressed air, or snow, or this will damage the device and void the warranty.
- Securely mount the device to prevent it from becoming a projectile in the event of sudden stops, sharp turns, or an accident, and ensure it is not interfering with any safety mechanisms.
- To comply with FCC RF exposure compliance requirements, a separation distance of at least 12 inches must be maintained between the antenna of this device and all people during normal operation.

**For best antenna performance, operate the antenna with the Sonim facing upward and the device resting on a flat surface.**

**Warning: Only use the 30W Charger provided with the MegaConnect. Using any other chargers may damage the devices and void the warranty.**

**Warning: Do not expose the device to water/rain. Doing so may damage the devices and void the warranty.**

## Carabiner Setup

1. The MegaReach comes with a slot on the side where a carabiner can be attached, as shown below:



Figure 12: Parsec MegaReach Carabiner Clip

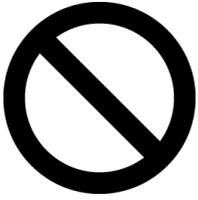
## Strap Setup

1. The MegaReach comes two slots on the bottom to allow a strap to pass through, as shown below:



Figure 13: Parsec MegaReach Backpack Strap

## Disclaimer



### CAUTION

To comply with FOC RF Exposure requirements in section 1.1310 of the FCC Rules, antennas used with this device must be installed to provide a separation distance of at least 20 cm from all persons to satisfy RF exposure compliance.



### DO NOT:

- Do not operate the transmitter when someone is within 24 inches of the antenna
- Do not operate in rain or splash water on device
- Only use 30W charger provided with the Sonim MegaConnect
- Do not put in direct sunlight if possible



### WARNING

This document is for general information only. It cannot be used for a warranty. Performance and other data contained were obtained in internal lab tests under ideal conditions, and performance may vary due to network variables, different network environments and other conditions. Parsec Technologies Inc. will not accept any liability for any damage caused by an antenna due to unknown variables. Parsec Technologies is not liable for any damage to the Sonim MegaConnect due to improper handling. Parsec Technologies Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication will be applicable.

## Support Contact & Version #



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