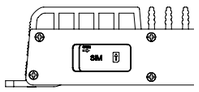
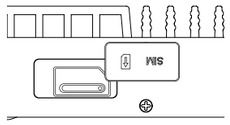
Install SIM

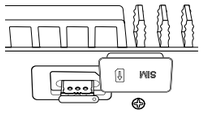
A If your Nextivity Partner has preinstalled the SIM, skip to step 1 (Connect Antennas to the Router).



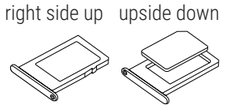
B Remove the **SIM card** cover by pressing a thumbnail or flathead screwdriver in the gap between the metal and plastic. You should now see the edge of the black **SIM tray**.



C Remove the **SIM tray** with the included SIM Ejector Tool by inserting the tool into the hole on the **SIM tray**; the tray should pop partway out. Remove the SIM tray completely.



D Insert your activated **SIM** into the tray. **Note**: Flip the tray around so that the tray is notched so the card can be inserted the correct way. Press the cover back into place.



For more information scan the QR code or contact Customer Support at: **support@nextivityinc.com**

For product information scan the QR code or refer to the MegaFi 2 documentation at **https://nextivityinc.com/products/shield-megafi-2-hpue**

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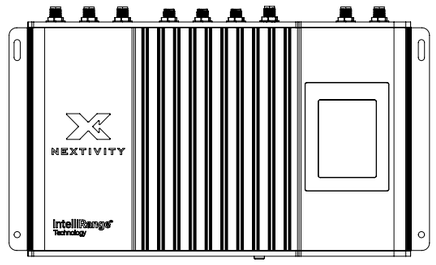
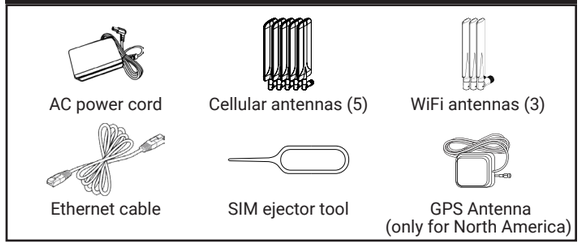
NEXTIVITY

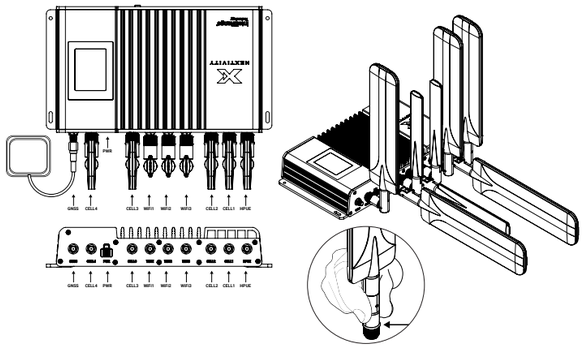
SHIELD MegaFi 2 Fixed Quick Start Guide



Included In the Box



1 Connect Antennas to the Router

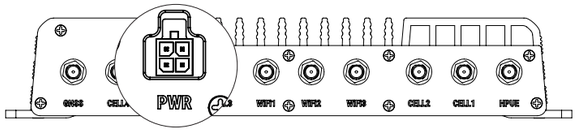


Attach each paddle antenna to its respective port as illustrated by holding the antenna straight and twisting the base to thread onto the connector. Do not overtighten. Finger-tight is sufficient. For optimal signal reception, alternate the antenna orientations as shown above.

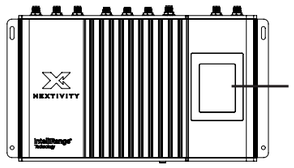
Connect the 5 bigger black paddle Cellular antennas to the **HPUE** and **CELL** ports and connect the 3 smaller black **WiFi** antennas to the **WiFi 1**, **WiFi 2**, and **WiFi 3** ports and the **GPS** "puck"-style antenna to the **GNSS** port. Please note, **WiFi** ports have a pin, while the **HPUE** and **CELL** ports do not. **WiFi** antennas do not have a pin, while Cellular antennas do have a pin. Connecting a Cellular antenna with a pin to a **WiFi** port with a pin will damage one or the other or both. If location data is desired, make sure the **GPS** antenna has an unobstructed view of the sky.

Note: SMA connectors have a 3–5 inch-pound torque limit. Over-torquing can cause damage and void the warranty.

2 Connect Power to the Router



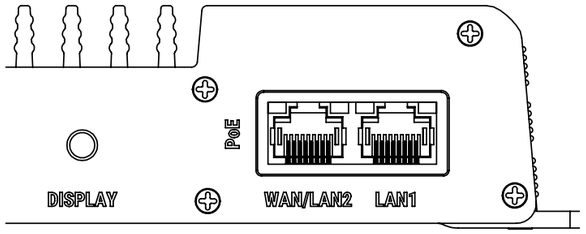
Plug the power cord into the Labeled **PWR** port and a wall outlet



It takes ~10 seconds for display to show information

After connecting the antennas and power, the LCD display will illuminate with device status and information. By default, the display screen will rotate between 3 pages every 15 seconds. The page will begin to indicate cellular connection signal strength, connection to the network, status for High-Power mode (**HPUE**), **Internet**, **GNSS** connection, and **WiFi**. This information will be shown on all 3 pages. Please refer to the MegaFi 2 User Guide for more details on what other information is displayed on all 3 pages. The bootup process will take a few minutes before a successful connection is indicated by an illuminated **Internet** icon. If the router does not automatically connect to the network, refer to the MegaFi 2 documentation at https://nextivityinc.com/products/shield-megafi-2-hpue or **scan the QR code**.

3 Complete the Router Configuration



1. Connect your computer to the router **LAN1** port via Ethernet cable or using WiFi with the **SSID** name and password shown on the MegaFi 2 display or from the label underneath the router.

2. To configure your router settings through Mission Control, open your computer browser window, enter https://192.168.113.1, and accept any browser certificate warnings.

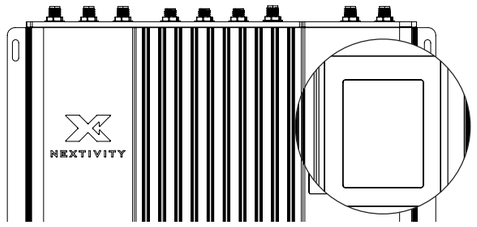
3. At the router's login screen, enter "**admin**" as username and the default password. The username and password are available on both the display and the label. Then click **Login.**

4. When the End User License Agreement appears, complete the information at the bottom of the form and click **Apply.**

5. You will then be directed to update your password. Please update the password and click **Save.**

Note: A factory reset restores the original default password.

4 Cloud Connectivity



1. To connect to the cloud management environment, MegaPortal, open your computer browser window and enter https://megaportal.nextivityinc.net

2. If your organization already has an account, contact your organization's administrator to create a user account. If your organization does not yet have an account, contact support@nextivityinc.com to create an administrative account for your organization. If you already have an account, enter the email and the password for your account and click **Sign in**.

3. To add a device as admin, click on **Devices** on the right-hand side of the screen, then click **New Device**. To add a device as a user, click on **New Device**. After clicking on **New Device**, enter the Serial Number and the MAC address from the display or from the label on the bottom of MegaFi 2 unit. Choose the desired pool or the default pool and click **Save**. You have now associated your device with your account and can now manage your MegaFi 2 from the cloud.

4. Update the device configuration from the cloud as needed for full deployment.