

GC-R8 Controller Wireless Modules User's Manual

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DURABOOK

Wi-Fi Module and Antenna

Wi-Fi Module and Antenna Package Contents





Wi-Fi Module x 1

NORVE

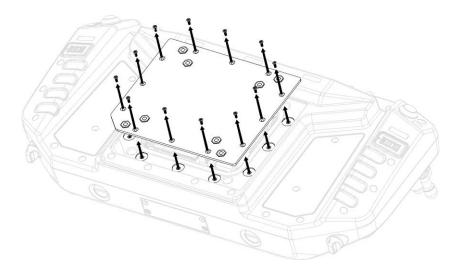
Installing the Wi-Fi Module and

Antenna

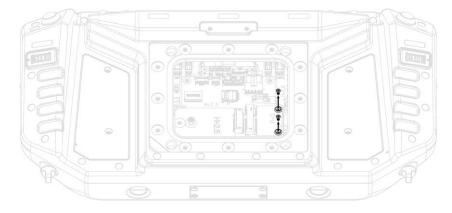
Before enabling the Wi-Fi function, make sure to install the "GC-R8 WIFI driver" in the R8 tablet from the Downloads section on the DURABOOK website.

To install the Wi-Fi module and antenna, follow the steps below:

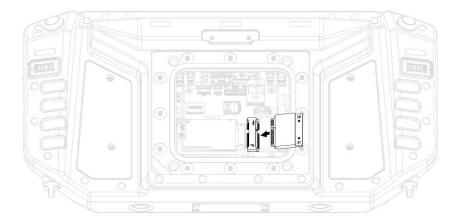
1. Remove the screws securing the back cover.



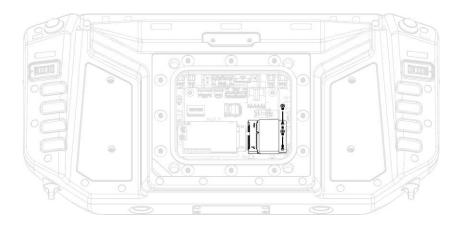
2. Remove the existing screws on the board.



3. Connect the Wi-Fi module to the board connector, as shown in the illustration below.



4. Install the screws to secure the Wi-Fi module in place.

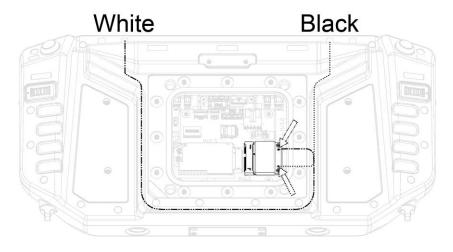


5. Connect the WLAN antenna cables to the Wi-Fi module connectors.

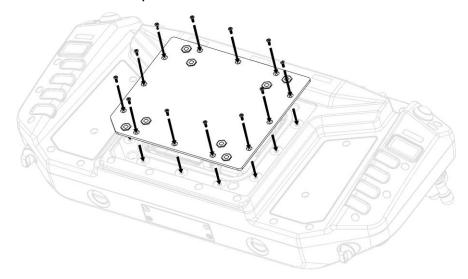


NOTE

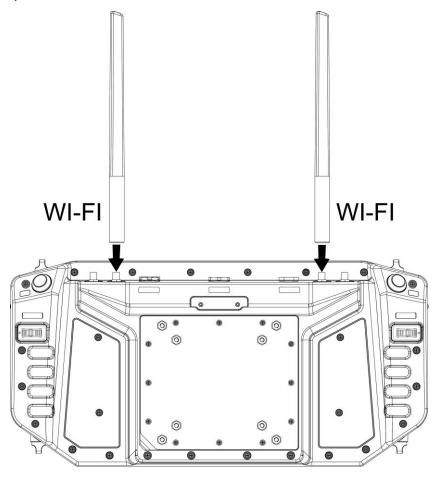
 Make sure the color-coded cable is securely connected to its corresponding connector, as shown below.



6. After confirming the cables are securely connected, install the screws to secure the back cover in place.



7. Connect the Wi-Fi external antennas to their respective RF Pass-thru connectors, as shown in the illustration below.



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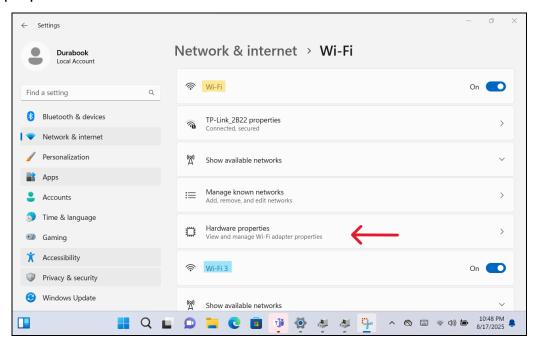
Configuring Wi-Fi Settings

To configure the Wi-Fi settings for your R8 tablet and controller, follow the steps below:

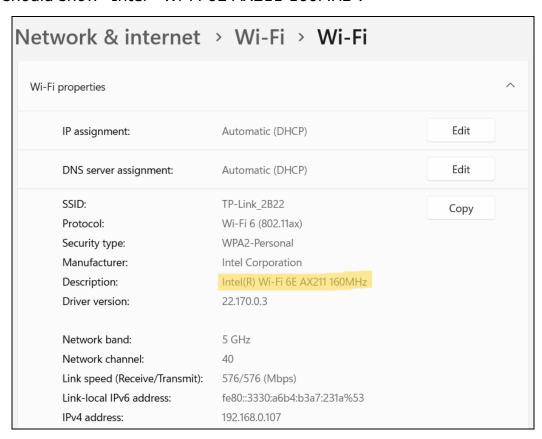
On your R8 tablet, select Start => Settings > Network and internet. Then enable the Wi-Fi and Wi-Fi 3 functions.



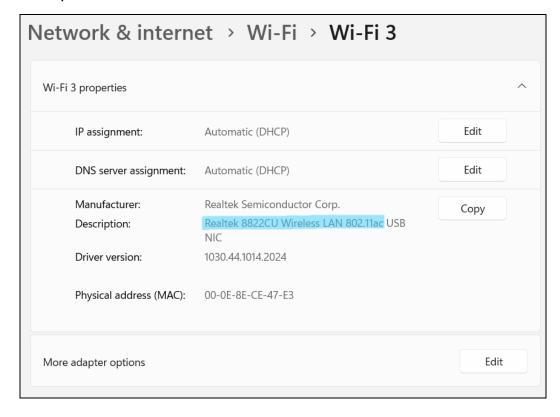
- The number 3 is a randomly assigned sequence number.
- 2. Select **Hardware properties** to view and manage Wi-Fi adapter properties.



a. For the R8 Wi-Fi module, under **Wi-Fi properties**, the description should show "Intel® Wi-Fi 6E AX211 160MHz".

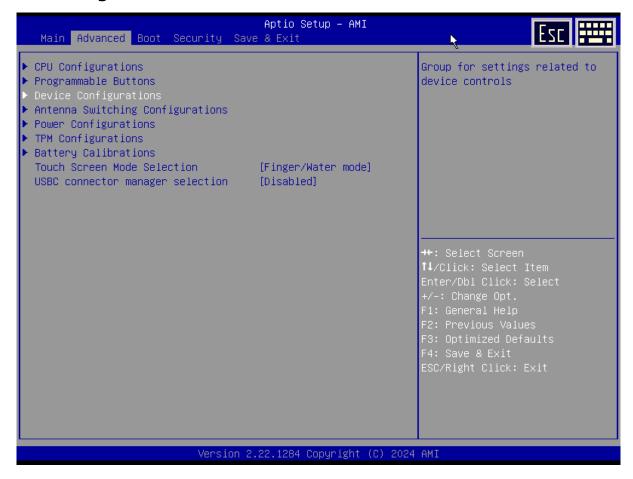


b. For the controller Wi-Fi module, under **Wi-Fi 3 properties**, the description should show "Realtek 8822CU Wireless LAN 802.11ac".



Disabling the Bluetooth Function

1. Enter the R8 BIOS Setup menu. Then select **Advanced** > **Device Configurations**.



Making Connections

2. For the **Bluetooth** option, select "Disabled". This will turn off the R8 tablet's Bluetooth to avoid interfering with the controller's Bluetooth signal.



DUZABOOK

4G Module and Antenna

4G Module and Antenna Package Contents





4G Module x 1

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Installing the 4G Module and

Antenna

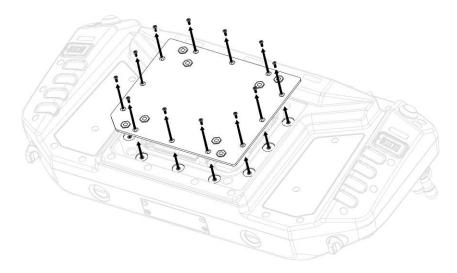
CAUTION!

When using the 4G function, it must be used with the DC-IN input to ensure proper operation.

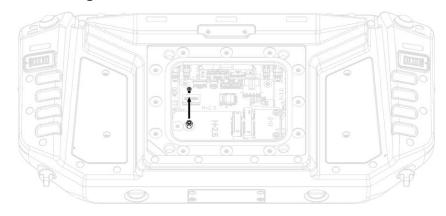
Before enabling the 4G/LTE function, make sure to install the "GC-R8 4G LTE driver" in the R8 tablet from the Downloads section on the DURABOOK website.

To install the 4G module and antenna, follow the steps below:

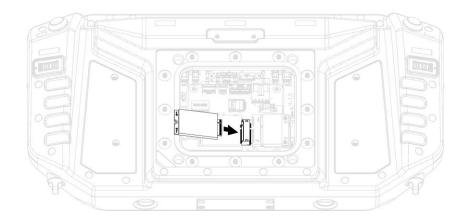
1. Remove the screws securing the back cover.



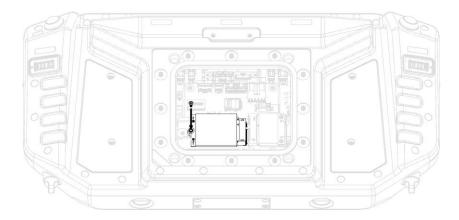
2. Remove the existing screws on the board.



3. Connect the 4G module to the board connector, as shown in the illustration below.



4. Install the screws to secure the 4G module in place.

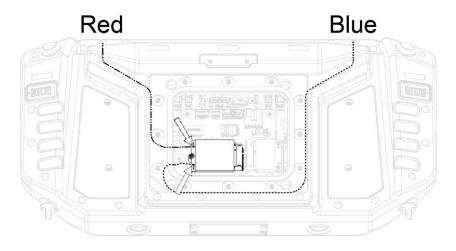


5. Connect the WWAN antenna cables to the 4G module connectors.

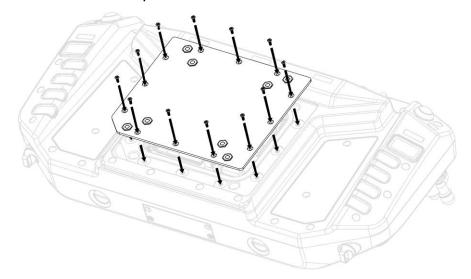


NOTE

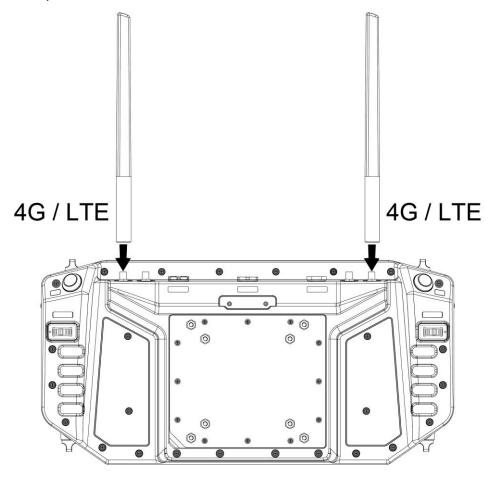
 Make sure the color-coded cable is securely connected to its corresponding connector, as shown below.



6. After confirming the cables are securely connected, install the screws to secure the back cover in place.



7. Connect the 4G external antennas to their respective RF Pass-thru connectors, as shown in the illustration below.



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5G Module and Antenna

5G Module and Antenna Package Contents





5G Module x 1

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Installing the 5G Module and

Antenna

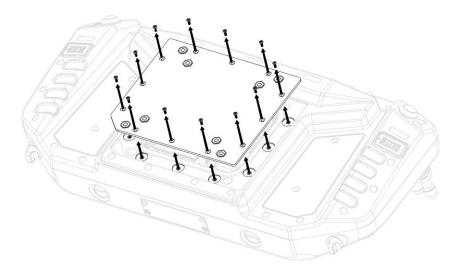
CAUTION!

When using the 5G function, it must be used with the DC-IN input to ensure proper operation.

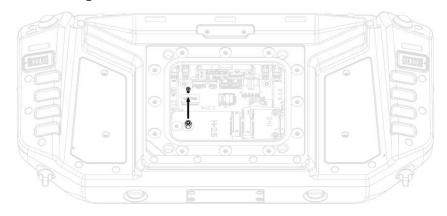
Before enabling the 5G function, make sure to install the "GC-R8 5G driver" in the R8 tablet from the Downloads section on the DURABOOK website.

To install the 5G module and antenna, follow the steps below:

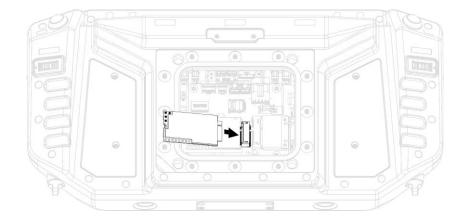
1. Remove the screws securing the back cover.



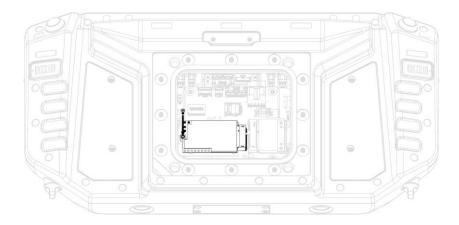
2. Remove the existing screws on the board.



3. Connect the 5G module to the board connector, as shown in the illustration.



4. Install the screws to secure the 5G module in place.

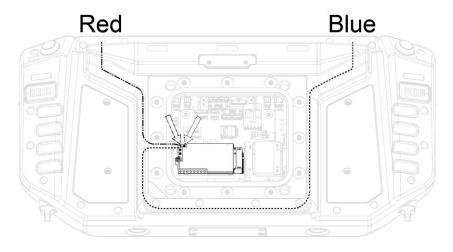


5. Connect the WWAN antenna cables to the 5G module connectors.

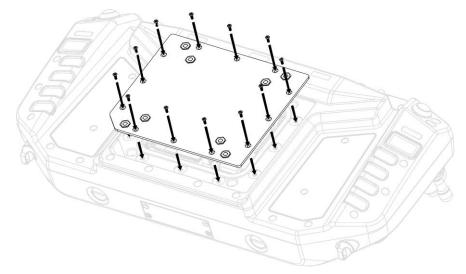


NOTE

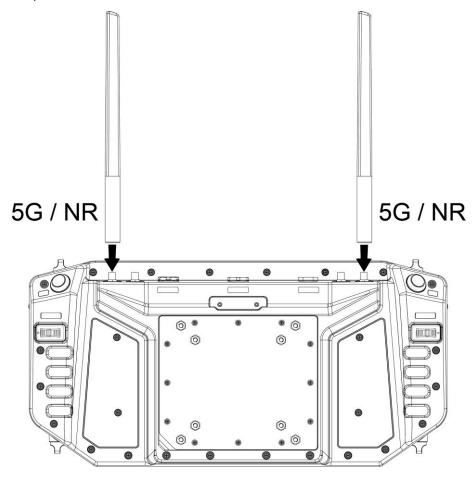
 Make sure the color-coded cable is securely connected to its corresponding connector, as shown below.



6. After confirming the cables are securely connected, install the screws to secure the back cover in place.



7. Connect the 5G external antennas to their respective RF Pass-thru connectors, as shown in the illustration below.



Twinhead International Corp.

9F, No.550, Ruiguang Rd., Neihu, Taipei 11492, Taiwan, R.O.C.