fitlet2 FC-CEM installation instructions

Package Content

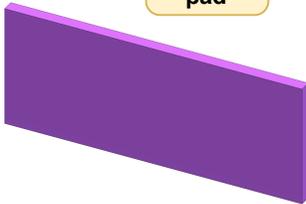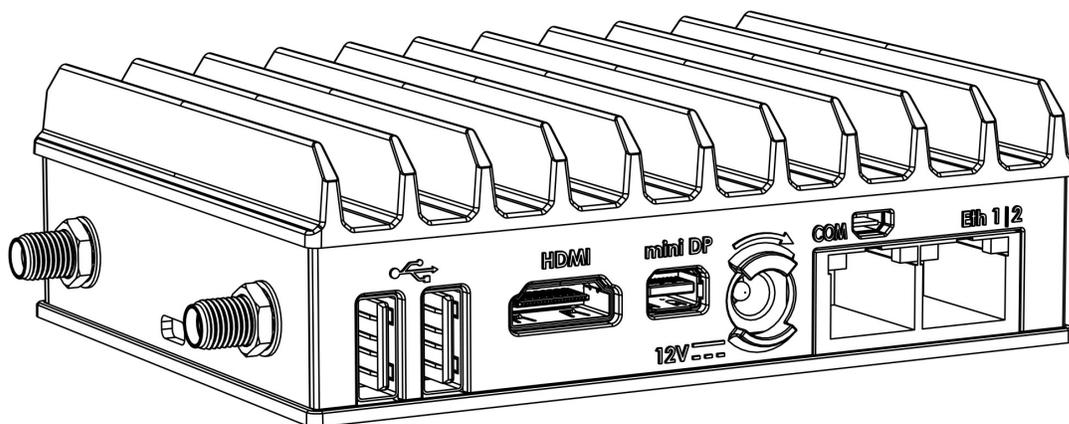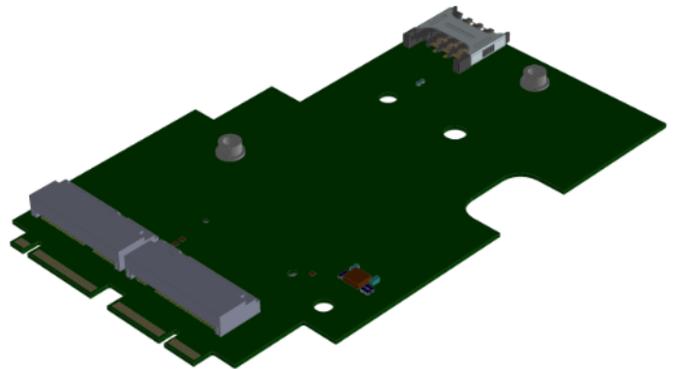| 2x retaining Washer	1x 6mm Phillips screw	5x 3mm Phillips screw

1x FC-CEM

1x Thermal pad	2x standoff	1x Screw nut

1 Plug the IPX antenna connectors to the wifi module:
Long cable to port #1
Short cable to port #2

2 Fasten the WiFi module to the FACET with the Phillips screw

(!) **Note:**
Use the 3mm Phillips screw

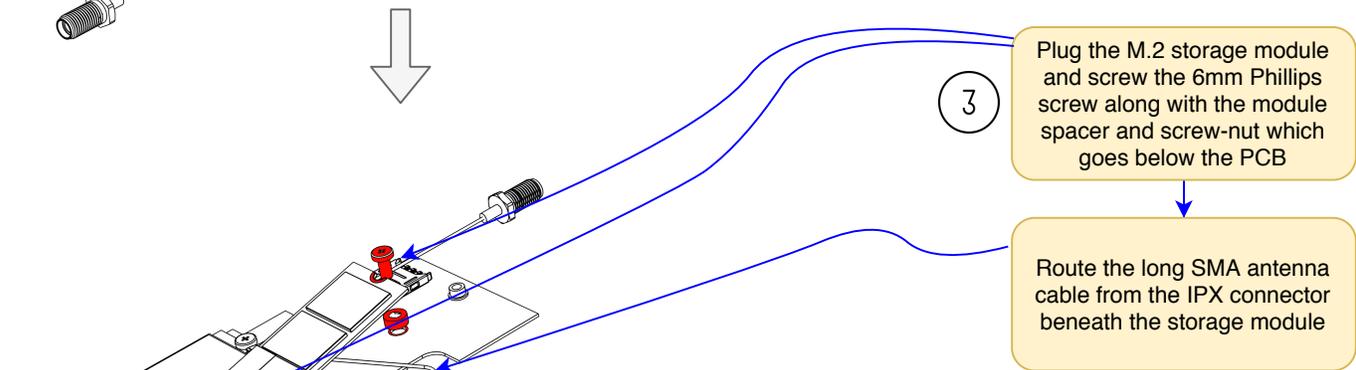**3** Plug the M.2 storage module and screw the 6mm Phillips screw along with the module spacer and screw-nut which goes below the PCB

Route the long SMA antenna cable from the IPX connector beneath the storage module

4 Plug the UFL connector to the "**Main**" socket on the Cellular modem (Location of the socket Main socket may vary on different Cell modems)

(!) **Attention:**
Depending on the modem's length, the design may require to apply insulating tape around the modem to prevent short-circuit with the motherboard

Plug the Cellular modem to the M.2 slot and fasten it with the 3mm Phillips screw.
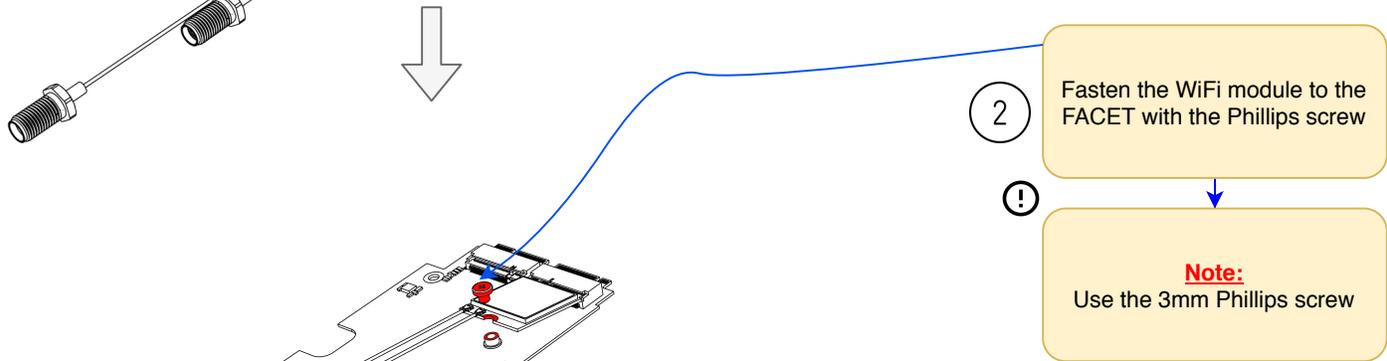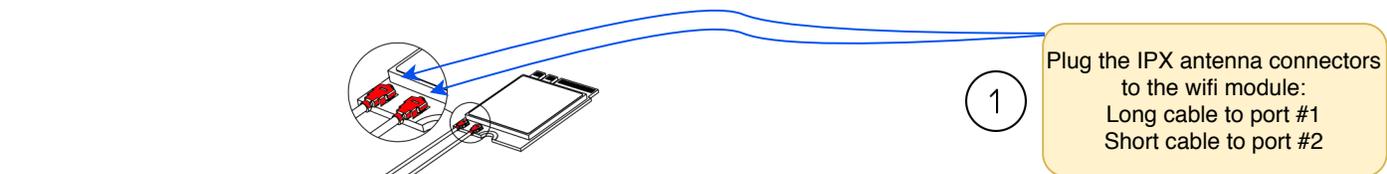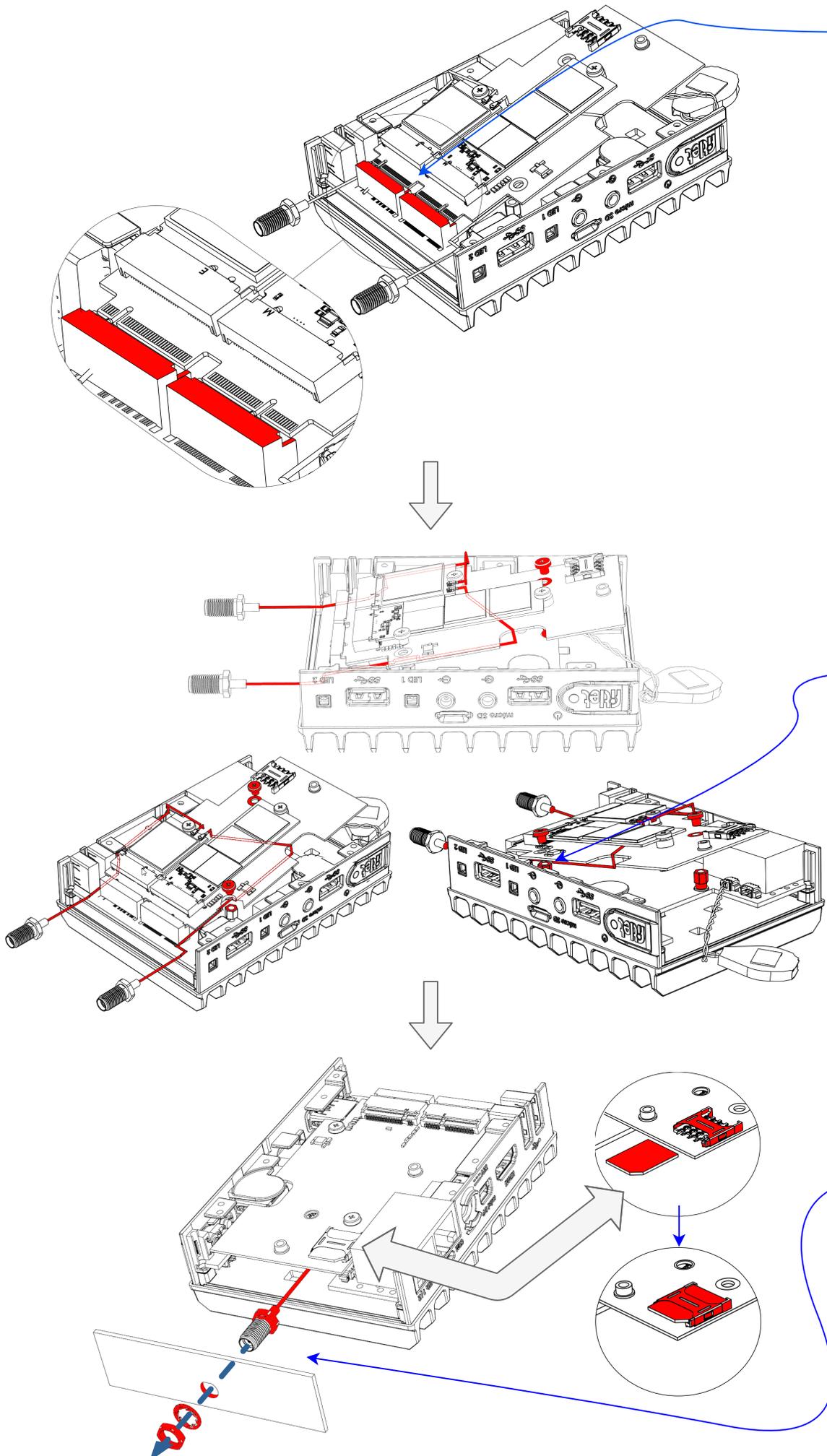
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5 Seat the FACET into the M.2 sockets.
Keep it in an angle as the next step explains the SMA antenna cable routing.

6 Pay attention to the way the antenna cables are routed below the seated FACET.

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Note:
Pay attention to the longer cable, it should be routed around the standoff, make sure the FACET doesn't pinch it when pushed down.

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Before pushing down the FACET for final assembly, the cables should be free and loose.

7 Assemble the RP-SMA connector with the Cellular antenna side panel

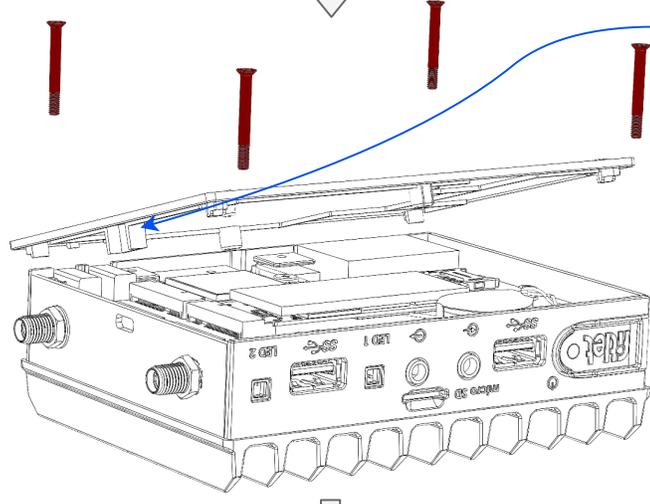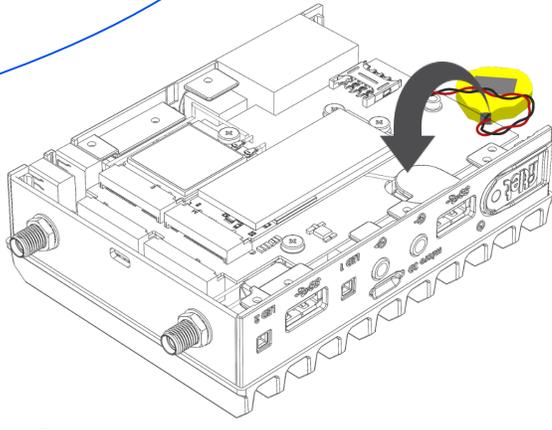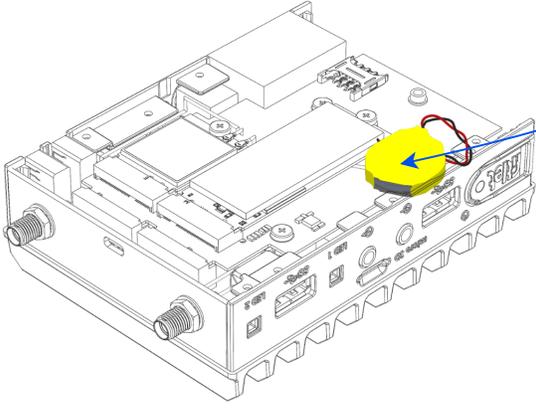SIM slot located at the top of the FACET.
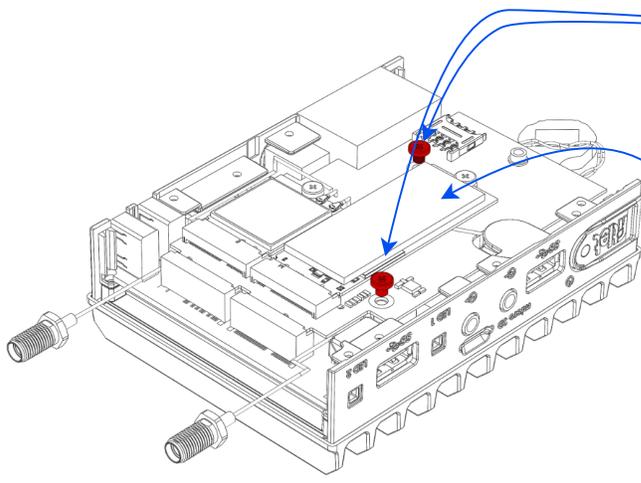
8   Assemble the 2x 3mm Phillips screws at the stand off locations. If the standoff has been removed as per step 5, do not screw at the M.2 connector location.

Apply the thermal pad on-top of the M.2 SSD

Stick the RTC backup battery in its place

(!)

Note
Before placing the bottom cover, make sure the U-shaped Boss is on the side of the M.2 connectors

9   Screw the 4x Phillips enclosure screw half way, enough to hold the bottom cover in-place but not too tight

Bring both side panels in place, and hold them

Complete by tightening the Phillips enclosure screws all the way down, while holding the side panels