

UP Squared Pro Edge

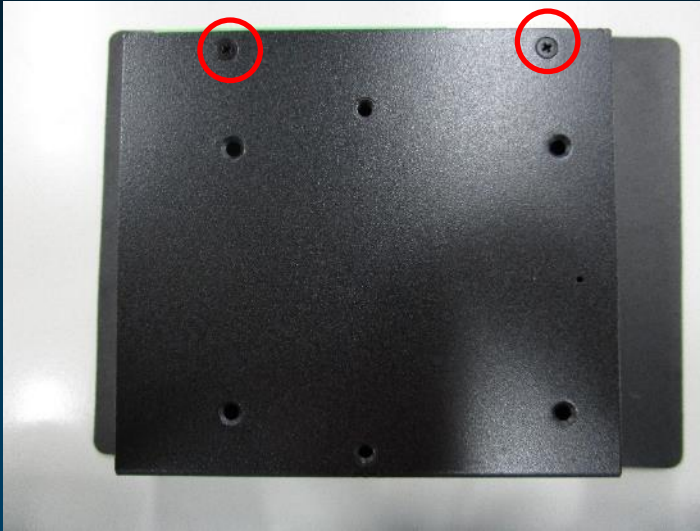
M.2 2230 WiFi Installation SOP

Revision: A1.0
Date: May. 2022

www.up-board.org

Step 1:

- Unscrew and disassemble the bottom and front I/O chassis cover



Bottom Side



Front I/O Side

Step 2:

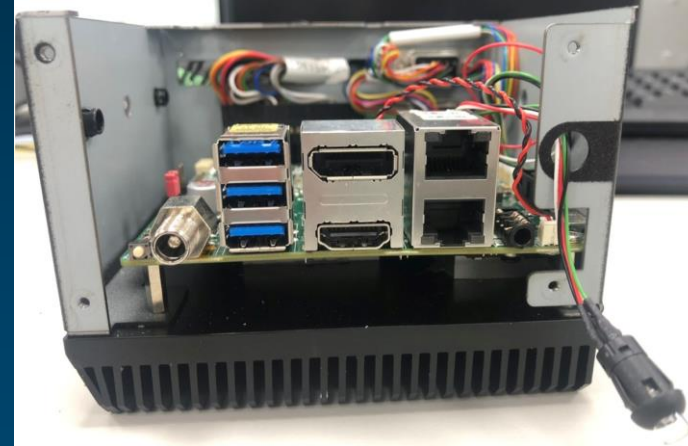
- Remove the power button cable and pull the cable out



*Lightly out-side-in push the plastic parts to release the power button.

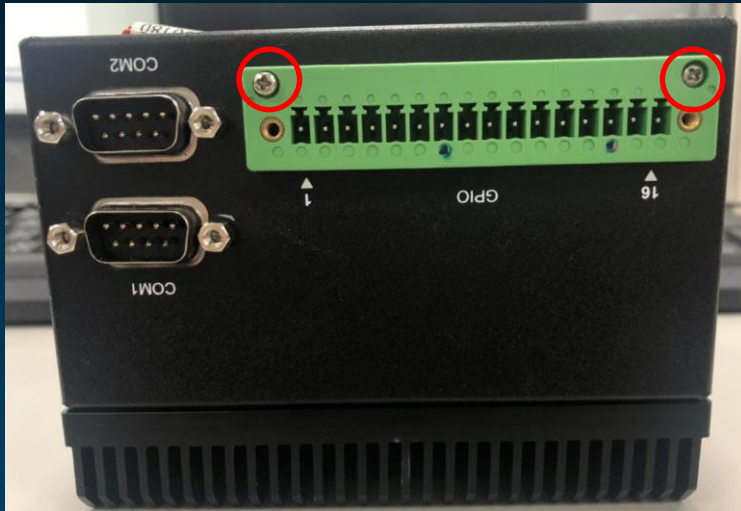


Front I/O Side



Step 3:

- Unscrew the screws for GPIO (2pcs) and pull the cable out.



Rear I/O Side

Step 4:

- Break the antenna holes on the chassis (left and right side)



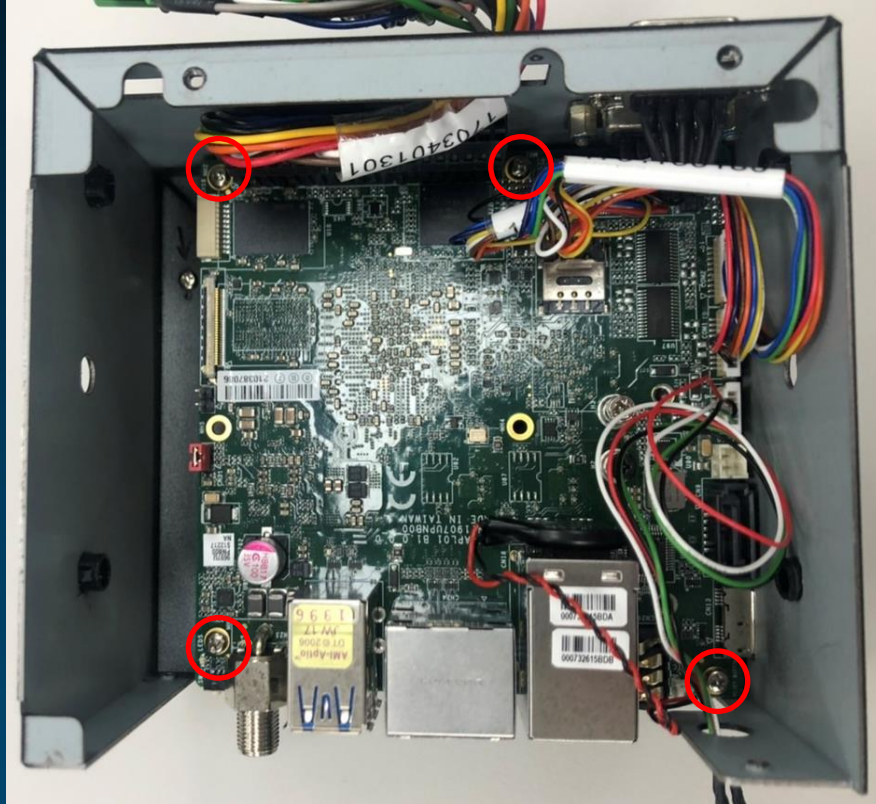
Left Side



Right Side

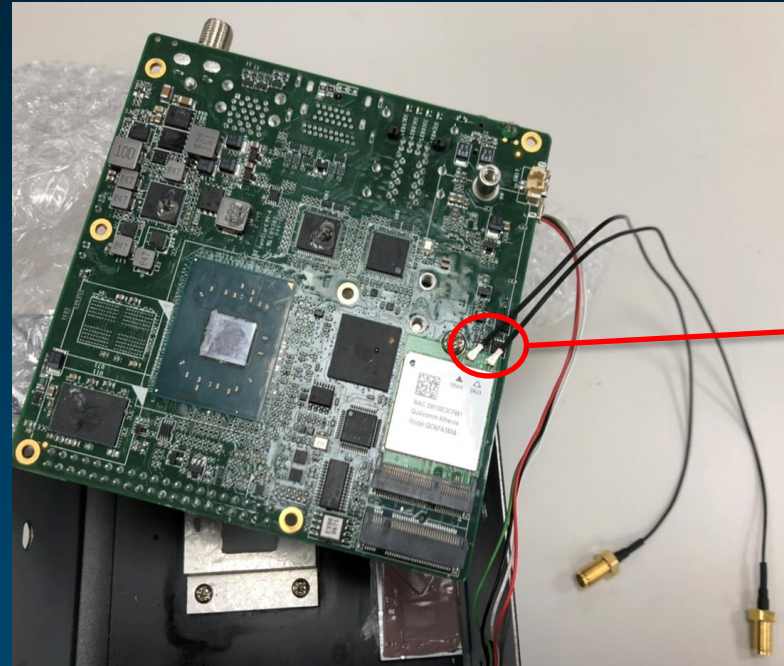
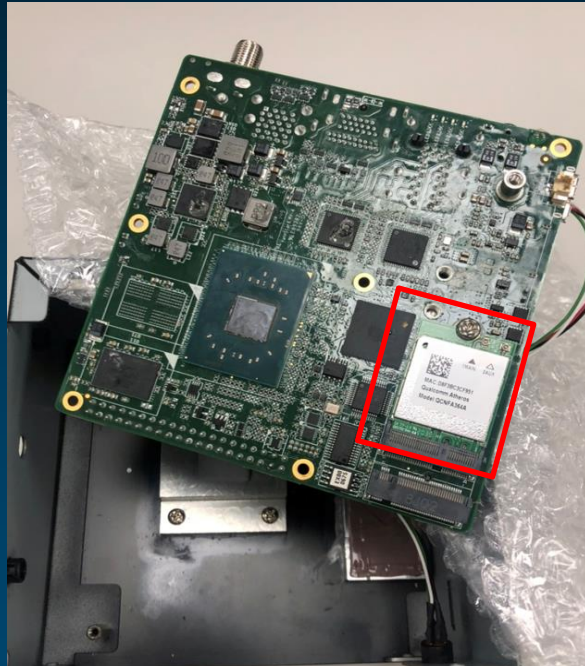
Step 5:

- Unscrew the screws (4pcs) fixing the PCBA and turn the PCBA over so the bottom side of the PCBA is facing up.



Step 6:

- Install the WiFi module on M.2 2230 E Key slot and the coaxial cable. The cables are arranged as shown in the figure below (the cables are routed towards the right side of the board). Connect and glue the ipex connector of the coaxial cable to the WiFi module pitch.

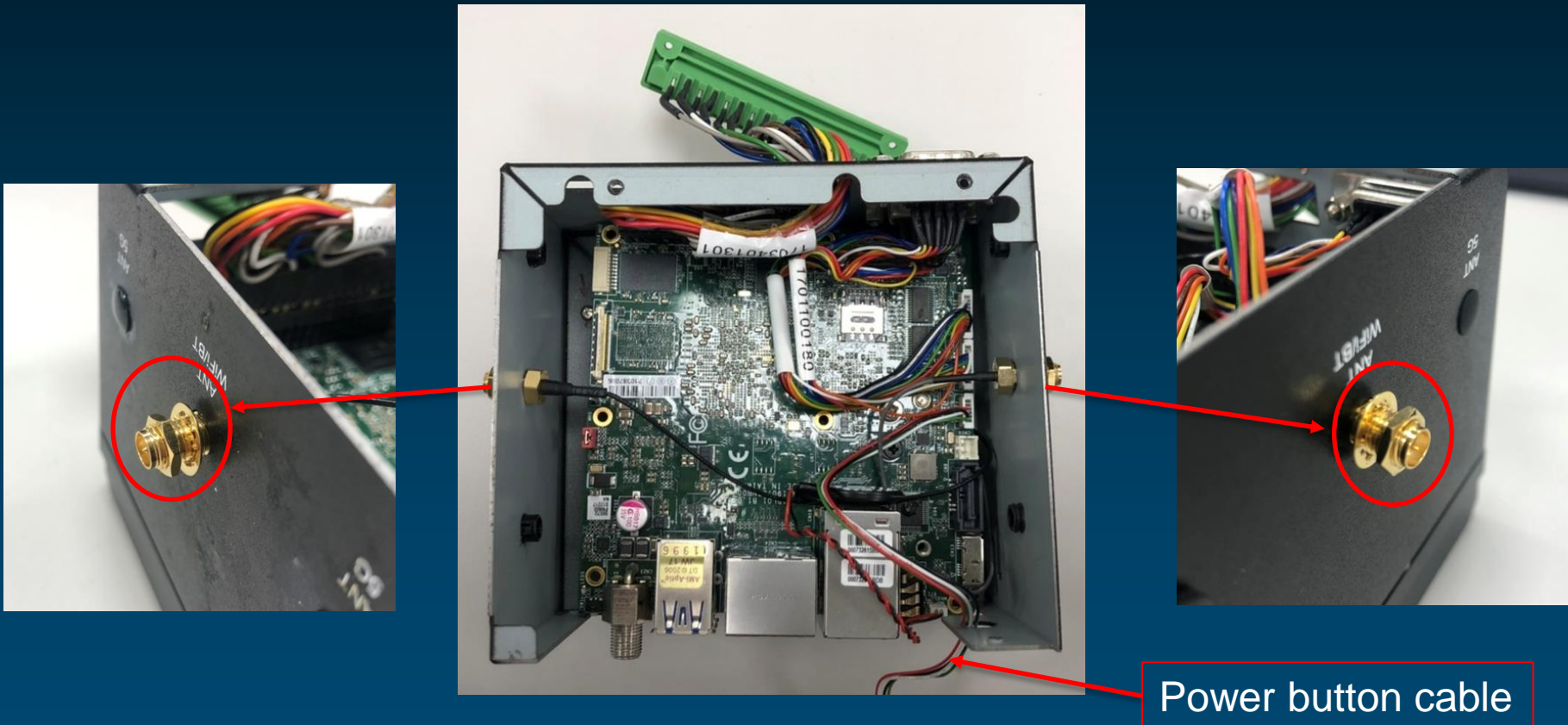


Glue the ipex connect to the module



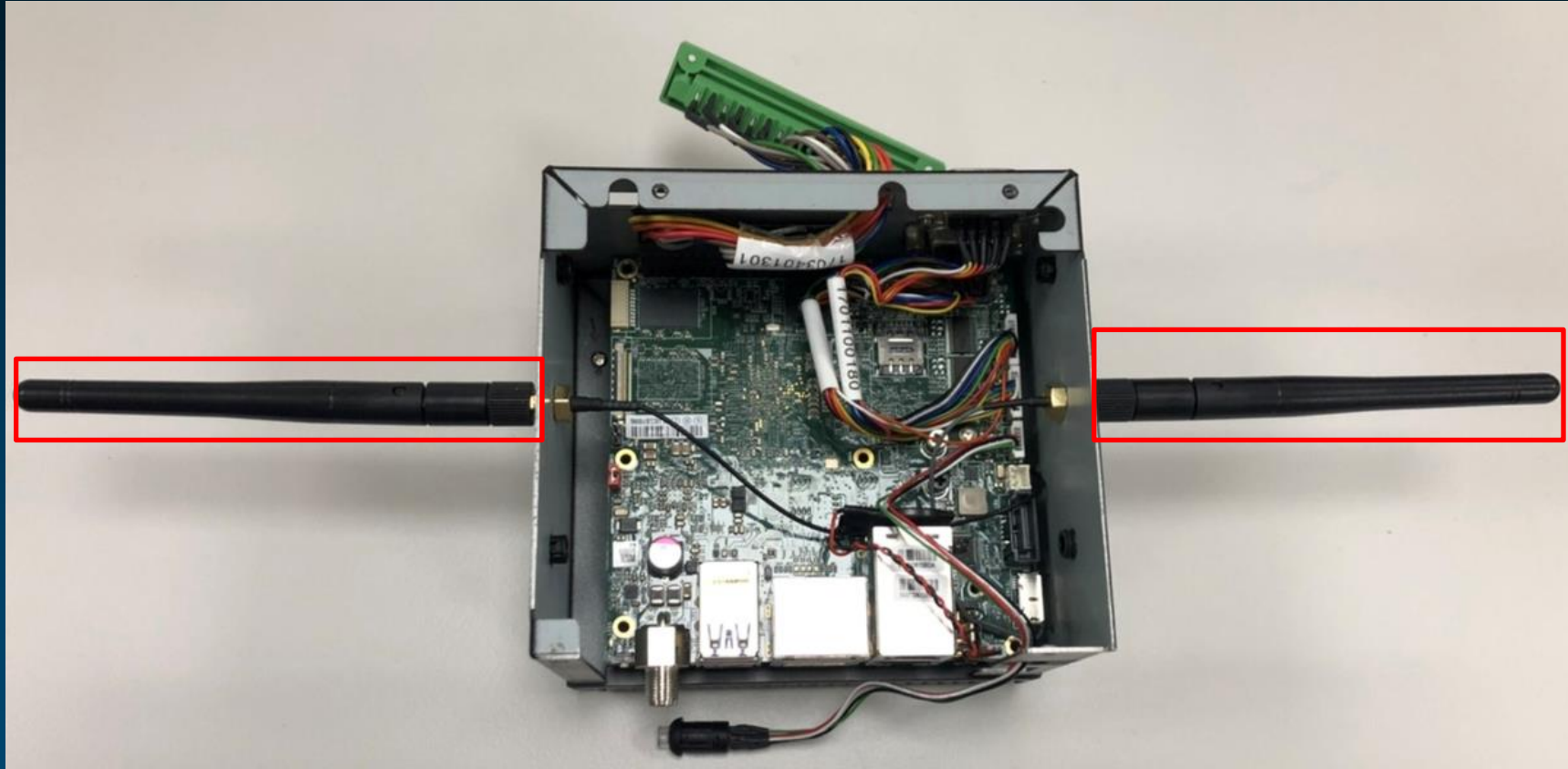
Step 7:

- Turn the PCBA back, so that the IO side is facing up again (the power button cable is routed to the top of the board). Assemble the SMA Jack of coaxial cable to the chassis, and then lock the spacer and nut.

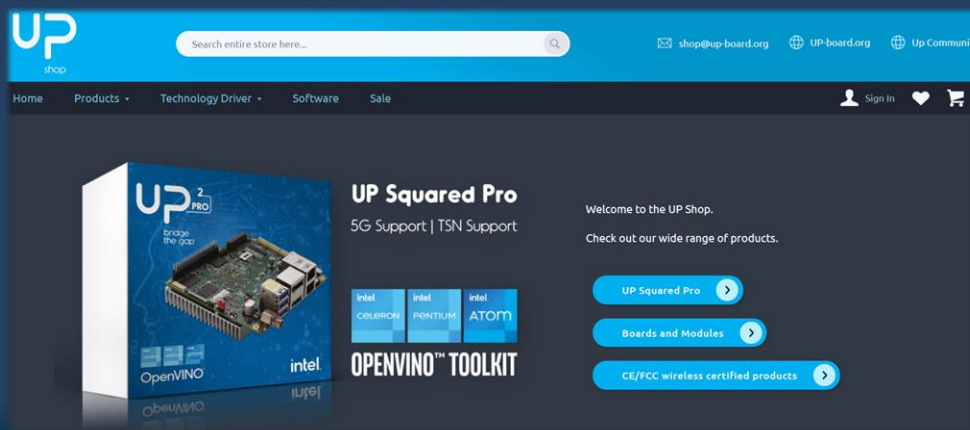
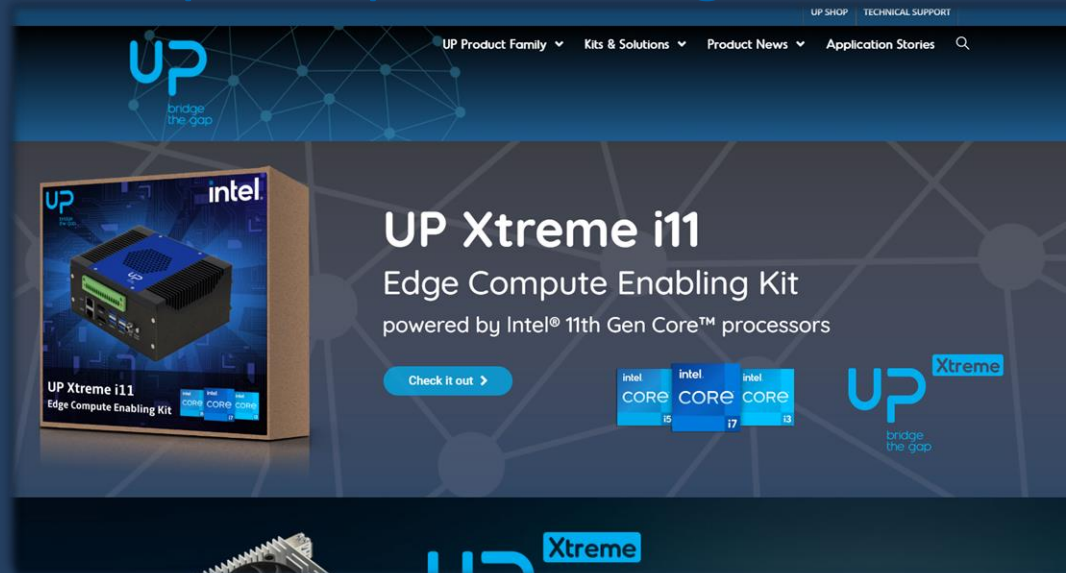


Step 7:

- Install the external antenna and restore the parts removed from steps 5>3>2>1

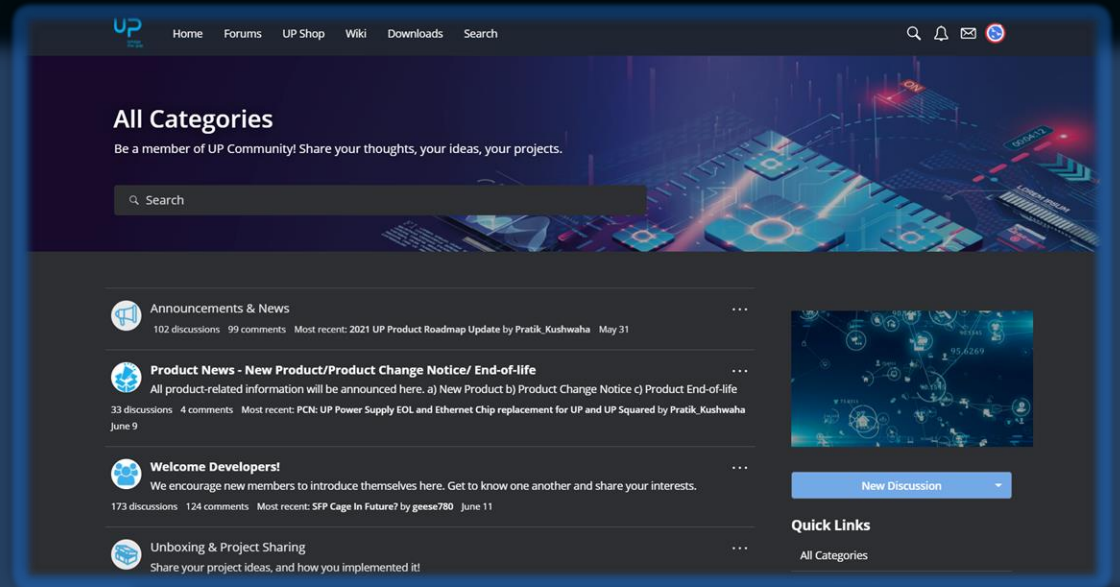


For more information:
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Thank you!