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## PHYSICAL 5G MOBILE HOTSPOT SWITCH KEY OF MOBILE COMPUTING DEVICES

HP INC

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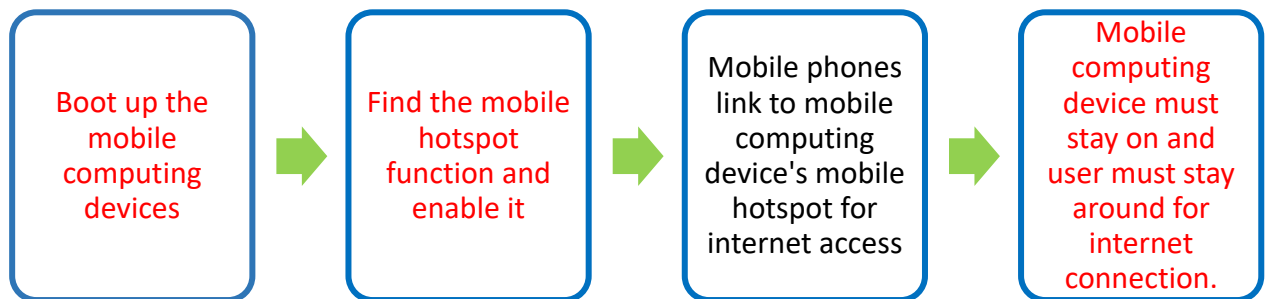
# Physical 5G Mobile Hotspot Switch Key of Mobile Computing Devices.

## Summary

This disclosure relates to the field of mobile computing devices, which equipped with a “Physical 5G Mobile Hotspot Switch Key” function for people easy to turn on hotspot feature and share the 5G signal by switch the physical mobile hotspot switch key without turn the system on.

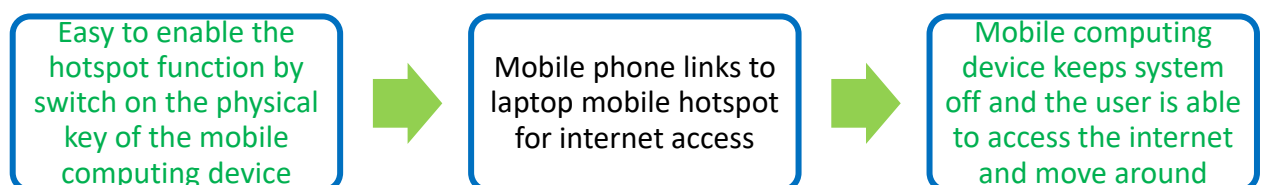
## How do people enable the mobile hotspot function before the idea?

Before sharing the hotspot signal, people must boot up the mobile computing device, wait for the system boot to the desktop, then find the “Mobile Hotspot” function and enable it. After that, the mobile phone is able to link to mobile computing devices for internet access. The mobile computing device system must keep the system on and the user must stay around for internet connection.



## How does the idea solve the problem?

When a mobile computing device equips with a “Physical 5G Mobile Hotspot Switch Key” it allows the end-user easy to turn on the mobile hotspot function without turning the mobile computing device system on. Without the mobile computing device system on that let the end user’s mobile phone able to access the internet while moving around.





## **How do people use the idea?**

The user scenario is an international traveler who bought the 5G mobile data plan in advance and set up the mobile hotspot function of the mobile computing device before fly departure and then the user can just switch the physical key to turn on the mobile hotspot function from mobile computing device for the mobile phone internet connection just right after landing and put the mobile computing device back to backpack without mobile computing device system on.

## **Do any further benefits for people to use the idea?**

A mobile computing device has a much bigger battery capacity than a mobile phone, using the mobile computing device to share mobile hotspot signal to the mobile phone under system off would provide a much longer time for internet access than mobile phone share hotspot function to the mobile computing device. And sometimes, swap the SIM card of the mobile phone would impact some security settings or apps setting which authorized by the mobile phone number. Therefore, using a mobile computing device mobile hotspot function would better than a mobile phone.

***Disclosed by Wen-Kuang Hsu, HP Inc.***