

The Raspberry Pi 4 has errors in the board design, cannot work with USB-C cables that are 'electronically marked'.

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Raspberry Pi 4 is a more powerful new generation motherboard, equipped with up to 2 micro-HDMI ports, two USB 3.0 ports, two USB 2.0 ports, one Ethernet port and one USB-C port. However, the design of this computer's circuit exists a bug that makes it "picky" of USB-C.

More specifically, in the circuit of the Raspberry Pi 4, there is a lack of a resistor, an important component that helps to identify the current between the Raspberry Pi 4 and accessories (including the charging cable) and helps the charging department know what to do. How strong is the power supply so that Pi 4 can run.



This omission caused the cables to be "electronically marked" - electronically marked, chip to support many different devices in the cable, unable to work.

For example, if using a USB-C cable from Apple or Pixel 3, both are electronically marked, to power the Raspberry Pi 4, the device will not turn on because it mistakenly accepts an audio accessory.

This design error only makes the Pi 4 not run, it does not endanger the machine and does not create any threat to the user's safety.

Raspberry Pi Association said, they were surprised because in the process of testing Pi4 did not appear this problem. The association also announced that they will release a modified version of this board in the near future. While waiting for the revised version, those who missed the Pi4 can use any charging cable without an electronic marker or spend \$ 8 to buy the Raspberry Pi Foundation's charger.

1. Surgical cable charging iPhone fake goods and genuine goods to see "expensive but chopped"

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