

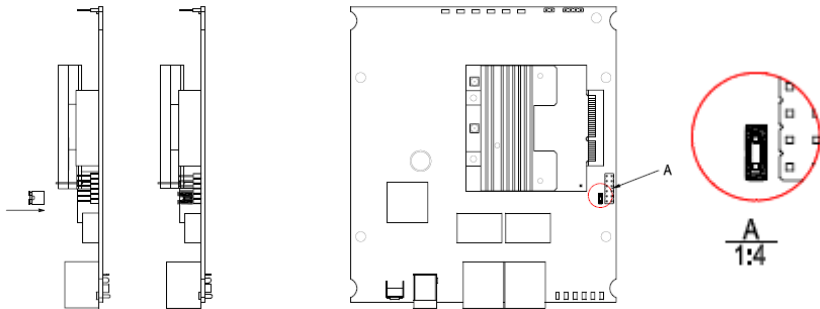
# Read Me First

## WPJ344 5V Supply and Power Options User Guide

### 1. On-board 5V Supply Instruction

After connecting the jumper, the WPJ344 can directly provide on-board 5V supply to the miniPCIe radio card.

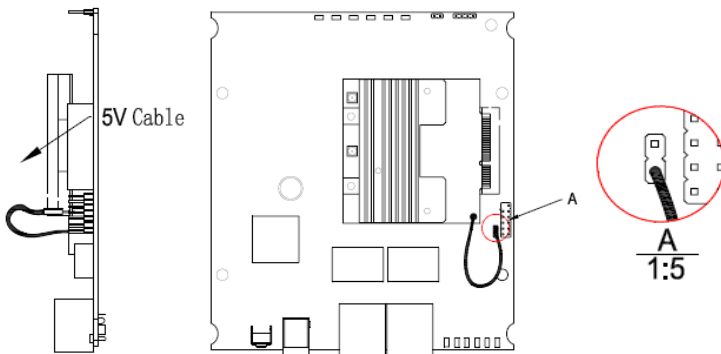
接上跳帽后主板可以直接给网卡提供5V供电



### 2. External 5V Supply Instruction

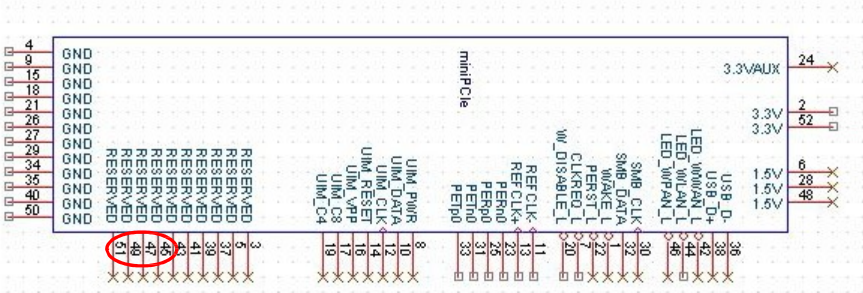
Alternatively, the 5V cable can provide external 5V supply to the miniPCIe radio.

另外，使用跳线也可以为网卡提供外接5V供电，必须选择离PCIe卡槽较远的pin



### 3.Pinout for WPJ344 miniPCiE slot

45 47 49 51 pin are 5V pins. They must be used together in order to provide 5V supply to radio card  
 45 47 49 51 pin as 5V pin, 组合使用可以给网卡进行5V供电



### 4. Power Options Application Note (only suitable for WPJ344HV)

WPJ344 6A06 and later versions are able to support two power supply modes, selectable through jumper settings.

- Standard 802.3af PoE input: - In this mode, it can be powered from 802.3af/3at PoE switches and PoE injectors. It is able to return a PD classification of 0. The DC jack can accept a voltage range of 24V to 56V but the PoE input needs a minimum voltage of 36V.
- Low voltage PoE input: - In this mode, the PoE input can work with a minimum voltage of 16V. It supports 802.3af POE handshaking but is not able to return a correct PD classification. Hence it is not compatible with latest PoE switches but will work with most PoE injectors. The low voltage capability allows it to be powered up from 24V passive PoE injectors. The DC jack can accept a voltage range of 12V to 24V.

