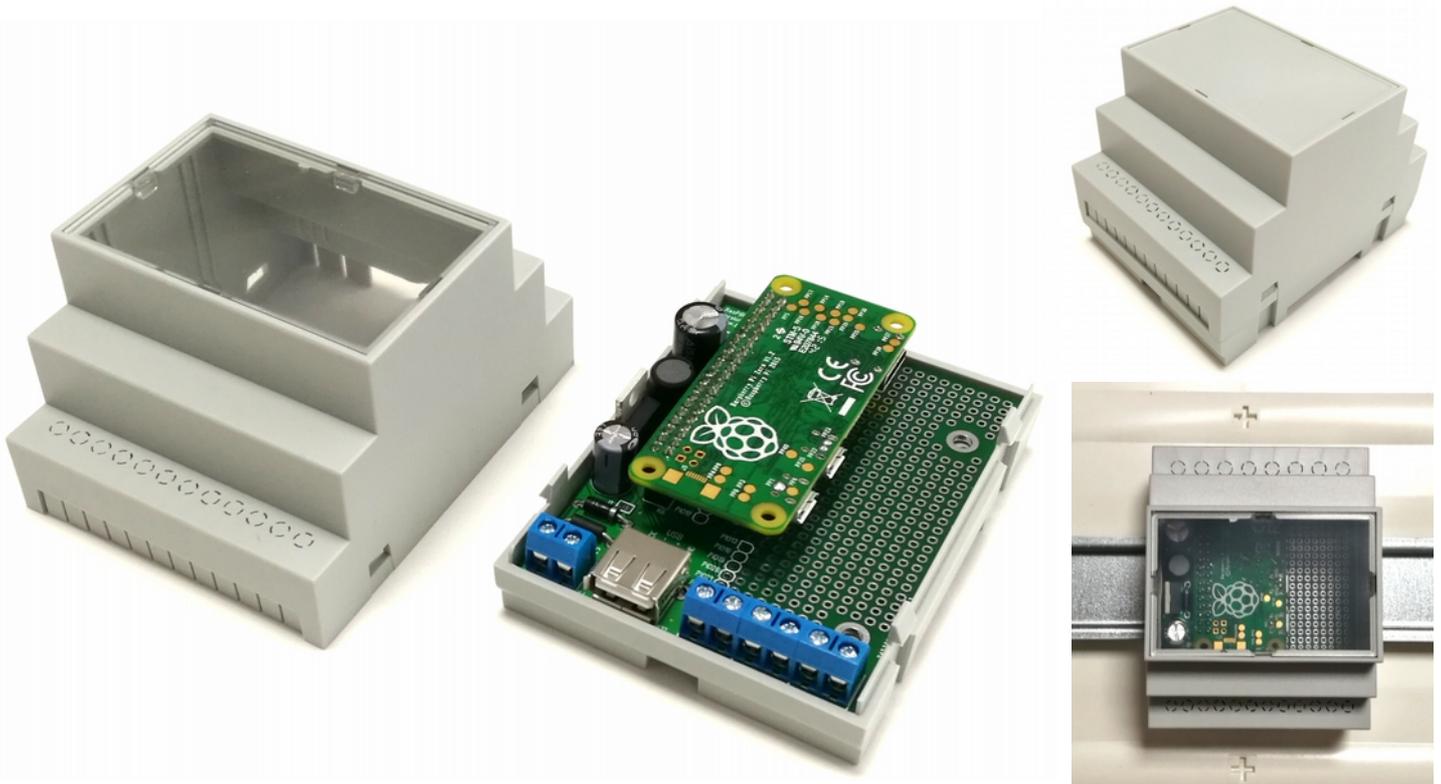


# RasPiBox Zero Lite

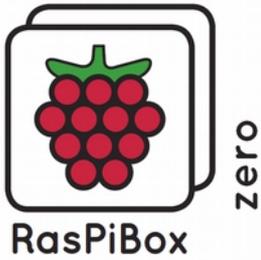
Version 4.x

## Cap rail enclosure set for Raspberry Pi Zero



### Features enclosure and pcb:

- milled **cap rail enclosure** (4 modules)
- for EN50022 DIN rails
- Optional Integrated **5V/1,7A voltage regulator** (Vin 9...35V DC)
- Optional USB-A socket to connect the USB of the PiZero with the world outside
- Integrated **prototyping area**
- 3x 2-pin terminal blocks for prototyping
- Marked and connected GPIO & power pins beside the proto area
- 1x 2-pin terminal block for power supply
- **for Raspberry Pi Zero and Pi Zero W only**
- removable protections for terminals
- Opening for SD card on top side
- Available with transparent lid or grey lid



# RasPiBox Zero Lite

Version 4.x

## Cap rail enclosure set for Raspberry Pi Zero

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### Enclosure:

- Outside dimensions: 70mm x 65mm x 90mm (W x H x L)
- Breadboard area: 41mm x 59mm (W x H)
- Material: PS
- Finish top shell: light grey
- Finish bottom shell: light grey

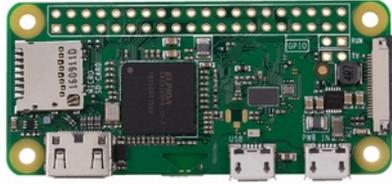
### Features optional voltage regulator:

- Input voltage: 9 – 35V DC
- Output voltage: 5V / 1.7A DC

### Compatibility :



Raspberry Pi Zero



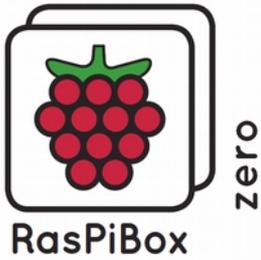
Raspberry Pi Zero W/WH



Banana Pi M2/BPI Zero

### Applications :

- Home automation
- Industrial control
- Door access and door control
- Temperature controls
- Education
- Internet of Things (IoT)

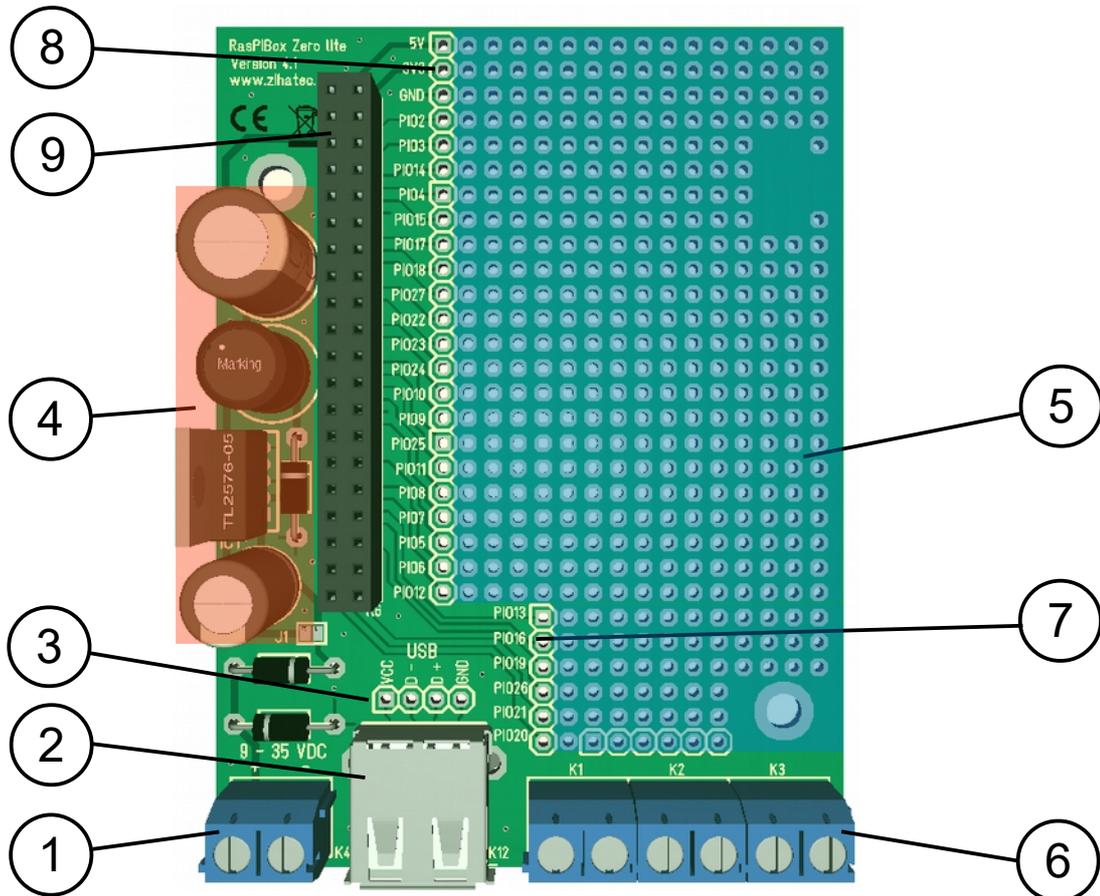


# RasPiBox Zero Lite

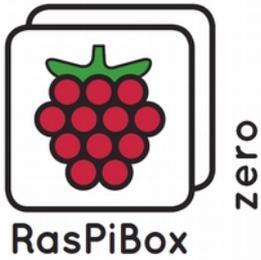
Version 4.x

## Cap rail enclosure set for Raspberry Pi Zero

### Features main board:



- ① Terminals power supply
- ② Optional USB-A socket
- ③ USB cable to Raspberry Pi Zero
- ④ voltage regulator
- ⑤ Breadboard / proto board area
- ⑥ Terminals for proto board
- ⑦ GPIO pins for proto board
- ⑧ Power pins (5V, 3.3V, GND) for proto board
- ⑨ Header for Raspberry Pi Zero



# RasPiBox Zero Lite

Version 4.x

## Cap rail enclosure set for Raspberry Pi Zero

### Part number table:

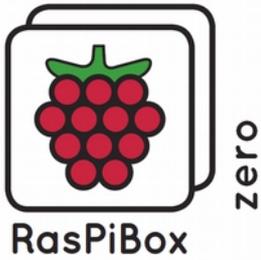
Part-No.	Version	Features
RPIBXZLB	Basic	- <b>transparent lid</b> - without parts for voltage regulator
RPIBXZLS	Standard	- <b>transparent lid</b> - including voltage regulator parts
RPIBXZLBG	Basic	- <b>grey lid</b> - without parts for voltage regulator
RPIBXZLSG	Standard	- <b>grey lid</b> - including voltage regulator parts



grey lid



transparent lid



# RasPiBox Zero Lite

Version 4.x

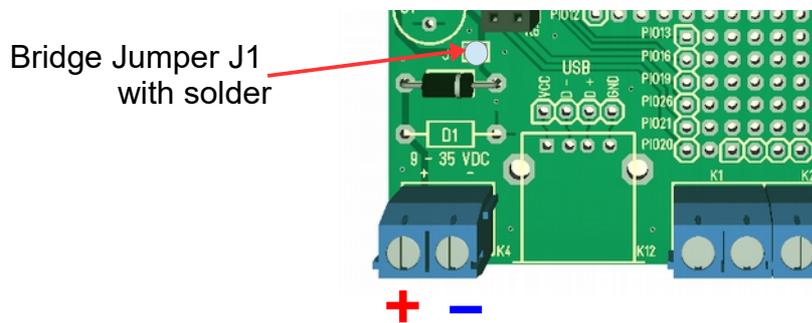
## Cap rail enclosure set for Raspberry Pi Zero

Different ways for power supply of RasPiBox Zero Lite:

1.) Via the Micro-USB socket inside (5V DC from USB port)

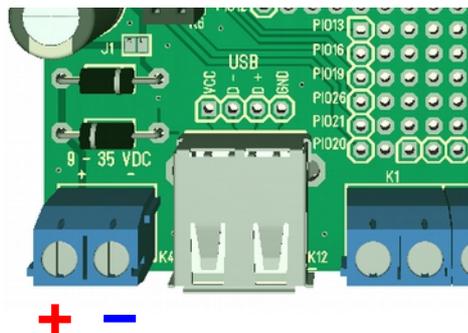


2.) Via the terminal K1 (5V DC) for **basic version** only:



Note: J1 will connect K1 directly with the internal 5V of the Raspberry Pi

3.) Via the terminal K1 (9...35V DC) for **standard version** only:



Note: With assembled voltage regulator only. Leave J1 open in this case!