

# RaspiBox Open Plus

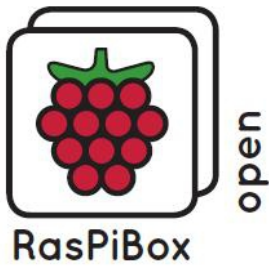
Version 2.x

**DIN rail enclosure for  
Raspberry Pi A+, 3A+, B+, 2 B, 3 B and 3B+**



## Features enclosure and prototyping board:

- milled cab rail enclosure (6 modules)
- for EN50022 DIN rails
- prototyping plate - fits perfectly in the enclosure
- 1x 2-pin terminal block for power supply
- 1x 3-pin terminal blocks for general purpose
- 2x 2-pin terminal blocks for general purpose
- 2X20 pin socket for the Raspberry Pi
- Breadboard area
- Openings for Audio, HDMI and Mico-USB on right side
- pcb contains a layout for a voltage 5V/1.7A voltage regulator
- removable protections for terminals
- transparent lid or grey lid



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## Enclosure:

- Outside dimensions: 105mm x 90mm x 65,3mm (W x H x D)
- Breadboard area: 42mm x 40mm (W x H)
- Material: ABS V0
- Finish top shell: light grey
- Finish bottom shell: light grey

## Features optional voltage regulator:

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

## Compatibility :



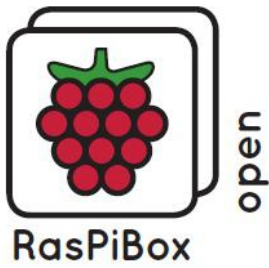
Raspberry Pi B+, 2 B, 3 B, 3 B+



Raspberry Pi 4 B



Raspberry Pi A+, 3 A+



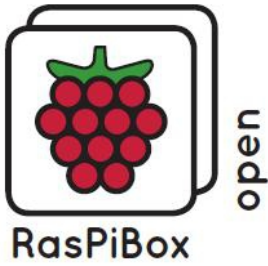
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## Part number table:

| Part-No.                                    | Version  | Features   |
|---|----------|--|
| For Raspberry Pi A+, 3A+, B+, 2 B, 3 B, 3B+ |          |  |
| RPIBXOPB                                    | Basic    | - <b>transparent lid</b><br>- without parts for voltage regulator                |
| RPIBXOPS                                    | Standard | - <b>transparent lid</b><br>- including voltage regulator parts and reset button |
| RPIBXOPBG                                   | Basic    | - <b>grey lid</b><br>- without parts for voltage regulator                       |
| RPIBXOPSG                                   | Standard | - <b>grey lid</b><br>- including voltage regulator parts and reset button        |
| For Raspberry Pi 4 B                        |          |  |
| RPIBXP4B                                    | Basic    | - <b>transparent lid</b><br>- without parts for voltage regulator                |
| RPIBXP4S                                    | Standard | - <b>transparent lid</b><br>- including voltage regulator parts and reset button |
| RPIBXP4BG                                   | Basic    | - <b>grey lid</b><br>- without parts for voltage regulator                       |
| RPIBXP4SG                                   | Standard | - <b>grey lid</b><br>- including voltage regulator parts and reset button        |

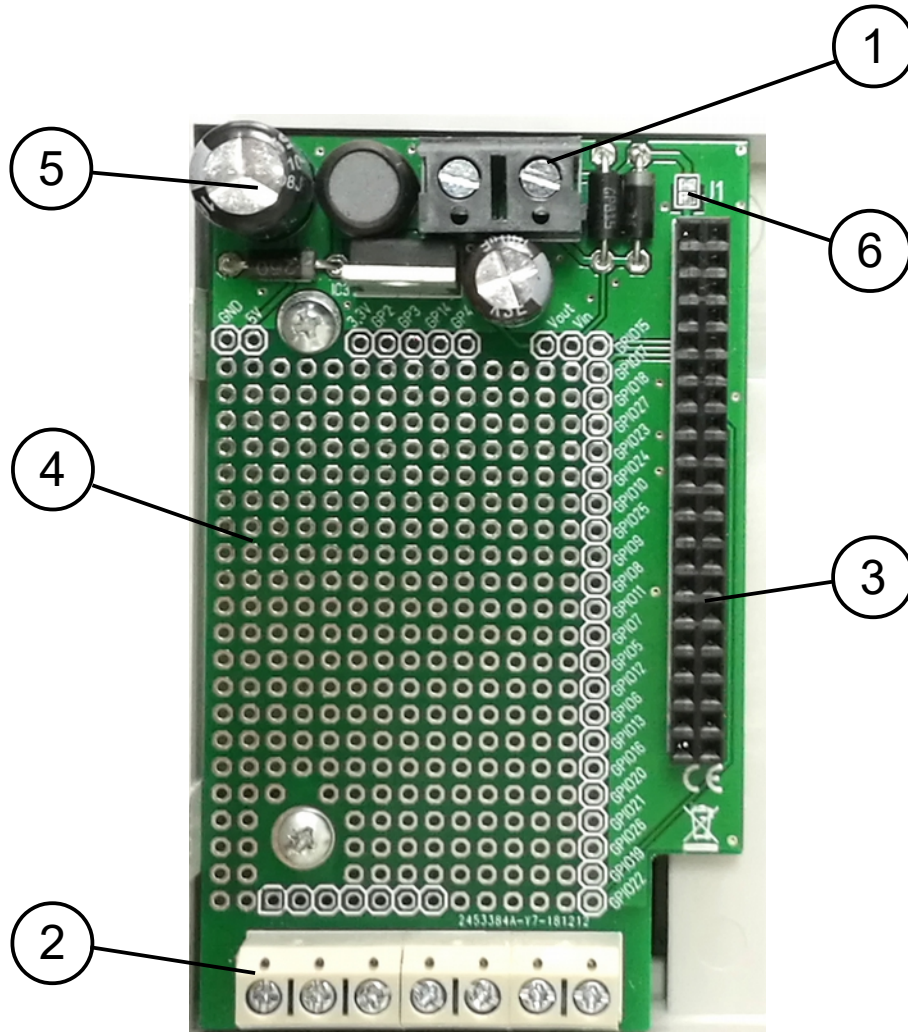


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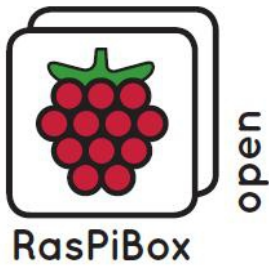
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## Features main board:



- ① Terminal for power supply
- ② Terminals for general purpose
- ③ header for Raspberry Pi
- ④ breadboard / proto board area
- ⑤ optional voltage regulator parts
- ⑥ soldering jumper for basic kit



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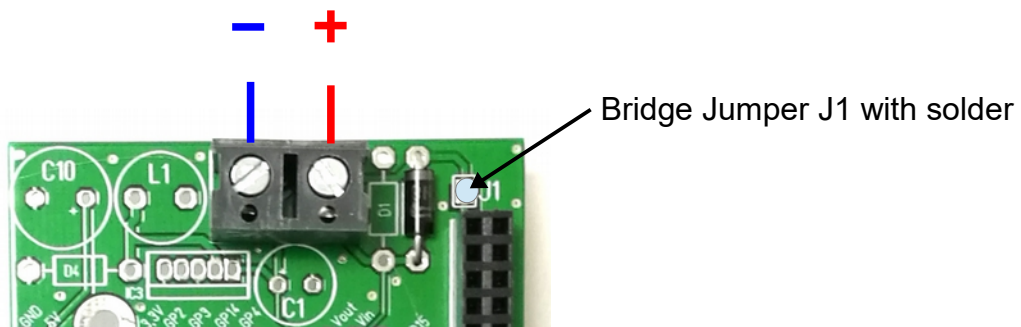
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Different ways for power supply of RasPiBox:

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

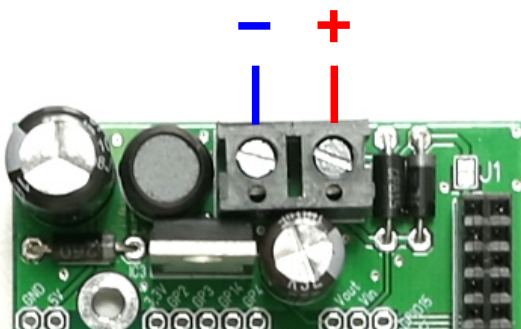


2.) Via the terminal K1 (5V DC) for **basic version** only:



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!