Features enclosure and pcb:

- milled **cab 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
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)
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
## Part number table:

<table>
<thead>
<tr>
<th>Part-No.</th>
<th>Version</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPIBXZLB</td>
<td>Basic</td>
<td>- <strong>transparent lid</strong>&lt;br&gt;- without parts for voltage regulator</td>
</tr>
<tr>
<td>RPIBXZLS</td>
<td>Standard</td>
<td>- <strong>transparent lid</strong>&lt;br&gt;- including voltage regulator parts</td>
</tr>
<tr>
<td>RPIBXZLBG</td>
<td>Basic</td>
<td>- <strong>grey lid</strong>&lt;br&gt;- without parts for voltage regulator</td>
</tr>
<tr>
<td>RPIBXZLSG</td>
<td>Standard</td>
<td>- <strong>grey lid</strong>&lt;br&gt;- including voltage regulator parts</td>
</tr>
</tbody>
</table>

![grey lid](image1.png)

![transparent lid](image2.png)
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:

   ![Bridge Jumper J1 with solder](image)

   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:

   ![Bridge Jumper J1 with solder](image)

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