EMB-RasPI-130x-Cape
Raspberry Pi 3/4/5 Cape for EMB-LR1302/3 mPCIe

EMB-RasPI-130x-Cape is an extension board for EMB-LR1302/3-mPCIe specially designed for using the Raspberry Pi allowing the user to create his own LoRaWAN® gateway.

It comes with the mini PCI express connector, 2 LEDs and a switch controllable by Raspberry Pi GPIOs.

This product is designed especially for the Raspberry Pi Gpio Connector.

Technical Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage</td>
<td>+5V</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to +85°C</td>
</tr>
<tr>
<td>Interfaces</td>
<td>mPCIe (SPI / I2C / UART / GPIOs)</td>
</tr>
<tr>
<td>Dimension</td>
<td>85 x 56 mm</td>
</tr>
<tr>
<td>Features</td>
<td>Easy integration with Raspberry Pi 3/4/5</td>
</tr>
</tbody>
</table>

Applications

The device can be used in several application where LoRaWAN® gateway is needed, such as:

- Internet Of Things (IOT)
- Automated Meter Reading
- Smart Cities
- Home and Building Automation
- Wireless Alarm and Security System
- Machine to Machine (M2M)
- Industrial Monitoring and Control
- Long Range Irrigation System.

Make Your Own LoRaWAN® Gateway with Raspberry Pi 5!

- EMB-LR130x-mPCIe
- EMB-LR130x-Cape
- EMB-LR130x-Picocell
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