



## PiJuice Zero

### Description

When plugged into any source, the PiJuice Zero acts as an Uninterruptible Power Supply (UPS) using intelligent power management to keep your Raspberry Pi Zero going. With an onboard Real-Time Clock (RTC), programmable LEDs and switches, user-friendly software and much more, PiJuice Zero gives you maximum control and flexibility for all your Raspberry Pi Zero projects...wherever you want to take them.

When plugged into any source, the PiJuice Zero acts as an Uninterruptible Power Supply (UPS) using intelligent power management to keep your Raspberry Pi Zero going. PiJuice Zero will also stay charged, so you can take your projects with you anywhere. It's the perfect way to add a battery & smart power management to your Raspberry Pi. With an onboard Real-Time Clock (RTC), programmable LEDs and switches, user-friendly software and much more, PiJuice Zero gives you maximum control and flexibility for all your Raspberry Pi Zero projects...wherever you want to take them.

### Keep your Raspberry Pi running with solar, wind and other renewable power.

Ultimate integrated power is one thing but what if we could make the Raspberry Pi renewably powered too? Solar, wind, thermoelectric and other renewable power is free, clean, and green and we're proud to have developed an affordable and efficient renewable power solution for the Raspberry Pi! PiJuice is self-monitoring and, like a space satellite, can become a completely autonomous system. Use the PiJuice as part of an autonomous camera system, weather stations, off-grid desktops, and so many other great outdoor projects. View and buy the PiJuice solar panels separately here.

### Compatible with

- Raspberry Pi A+
- Raspberry Pi 2B
- Raspberry Pi 3B+
- Raspberry Pi Zero W
- ASUS Tinkerboard
- Odroid C2
- Raspberry Pi B+
- Raspberry Pi 3B
- Raspberry Pi 4
- Raspberry Pi Zero
- Any other Raspberry Pi with 40 GPIO Pins
- ASUS Tinkerboard S



## PiJuice Zero

### Features

- Compatible with any single cell lithium polymer (LiPo) battery
- A full uninterrupted power supply solution for the Raspberry Pi Zero
- Integrated real-time clock
- Onboard intelligent on/off switch
- Low power deep-sleep state with wake on interrupt/calendar event
- 2 x programmable multi-coloured RGB LEDs
- Our revolutionary PiAnywhere technology - the best way to take your Pi off the grid!
- Full power management API available to Raspberry Pi OS with auto shutdown capability when running low on batteries
- Raspberry Pi pHAT layout - designed to exactly fit the Raspberry Pi Zero and Zero W. For use with Raspberry Pi A+, B+, 2B, 3B, 3B+, 4B, we recommend our PiJuice HAT module.
- Low profile design, to fit inside the smallest of projects and possibly even inside some existing cases!
- Bring your own battery - this pHAT does not come with a battery. We recommend a 2000mAh single cell LiPo with an NTC temperature sensor. When paired with our mating cable it is easy to use any battery with your PiJuice with simple crimp connectors.

## Bring your own Battery

Perhaps you need a huuuuge battery to keep your remote project running, or maybe just a tiny one for a cute wearable project. PiJuice Zero takes any single cell LiPo. View our available batteries for PiJuice Zero below:

- PiJuice 12000mAh Battery
- PiJuice 5000mAh Battery
- PiJuice 1200mAh Battery
- PiJuice Zero 1200mAh Battery
- PiJuice Zero 1000mAh Battery
- PiJuice Zero 600mAh Battery
- PiJuice Zero 500mAh Battery

## Whats in the Box

- 1 x PiJuice UPS Rechargeable Raspberry Pi Battery HAT
- 1 x Battery and battery surround
- 1 x PiJuice guide
- 4 x Mounting posts attached to PiJuice
- 8 x Mounting screws (4 are already assembled to the board) 1 x Pogo pin
- 3 x Stickers

