

# Pocket Shield

SKU: P5010082  
WEIGHT: 0.07 KGS  
EAN: 6928819511859



## Description

The Pocket Shield is the basic expansion board for CyberPi. It provides CyberPi with autonomy, not requiring to be physically connected to a computer. It has a built-in 3.7V, 800 mAh rechargeable battery. It also integrates two DC motor interfaces, and two 3-pin interfaces that are compatible with servos, light strips and Arduino sensors. The casing can be mounted with Makeblock and LEGO structural parts.

Pocket Shield can supply power and extend functions for CyberPi. It has two DC motor ports and two 3-pin digital/analog servo ports. LED strips and Arduino sensors can be connected to Pocket Shield's digital/analog servo ports.

## Features

- **Rechargeable 800mAh battery with high load capacity and long duration.**
- **2 motor ports and 2 servo ports, allowing more possibilities for creation; 2.54mm pin spacing, digital/analog interfaces compatible with LED strips and Arduino sensors; Anti-reverse connection, protecting electronic modules**
- **Compact and easy to carry around; Holes and a tapped hole, compatible with LEGO Technic series and M4 metal structural parts.**

## Software

### • mBlock 5:

A powerful platform for coding designed for STEAM education

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## Specifications

Power - 800mAh, 2.96Wh

Input - 5VDC, 700mA

Output - 5VDC 2A

Packing Method - Packing Method

Product Dimension - 84x35x18mm

H/W/L - 3.31x1.38x0.71inch

## Part list

1xPocket Shield

1xPocket Shield Quick Start Guide