

# GrovePi+ Starter Kit for Raspberry Pi

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## Product Overview

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For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

Seeed Studio GrovePi+ Starter Kit for Raspberry Pi is an add-on board that brings Grove Sensors to the Raspberry Pi, and the kit adds support for the newly RaspberryPi Model B+ and Model A+. With the GrovePi+ board together with 12 carefully selective Grove sensors and 10 Grove cables, this starter kit gets you up and running with Grove using Raspberry Pi quickly.

The GrovePi+ is stacked on top of the Raspberry Pi without the need for any other connections. Communication between the two occurs over the I2C interface. All Grove modules connect to the universal Grove connectors on the GrovePi+ shield via the universal 4 pin connector cable. The GrovePi+ is compatible with Raspberry Pi A+,B,B+/2,3.

The Grove modules work on analog and digital signals and can be connected directly to the ATMEGA328 microcontroller on the Grove Pi+. The microcontroller acts as an interpreter between the Raspberry Pi and the Grove sensors. It sends, receives, and executes commands sent by the Raspberry Pi.



## Features

- One GrovePi+ board together with 12 popular Grove sensors and 10 Grove cables
- GrovePi+ is compatible with Raspberry Pi A+, B, B+ / 2, 3, 4
- CE certified and compatible with Linux and Win 10 IoT

## Kit Overview



## Mouser Part Number

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