

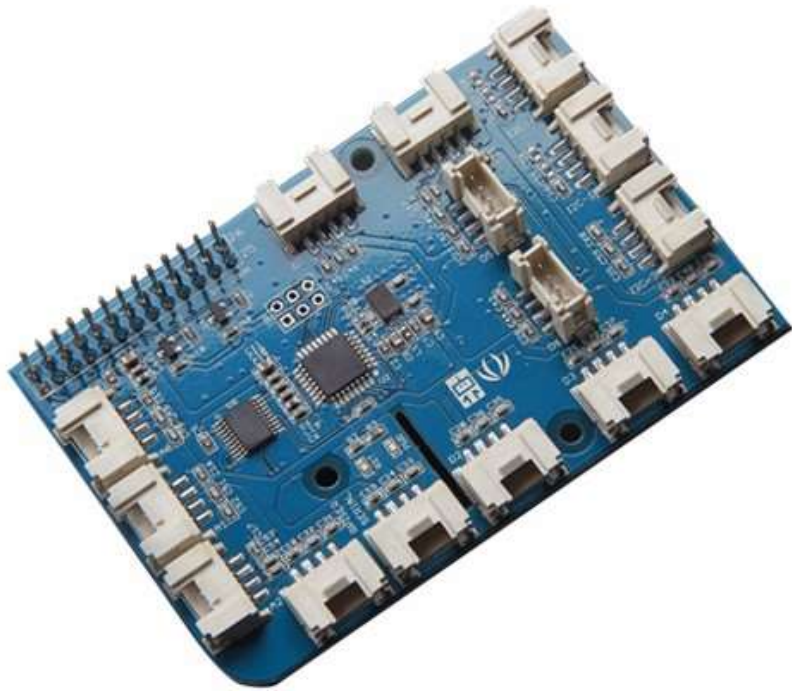
GrovePi+ Starter Kit for Raspberry Pi A+,B,B+;2,3 (CE certified) – RS 174-3265



What is GrovePi+ Starter kit for Raspberry Pi?

Carrying a GrovePi+ board together with 12 carefully selective Grove sensors with 10 pieces cables , this starter kit gets you up and running with the Raspberry Pi quickly. Just slip the GrovePi+ board over your Raspberry Pi and connect sensors to the board, you're ready to start hardware playing and prototyping with the powerful platform.

About The GrovePi+, It 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.



Grove modules

These work on analogue and digital signals and connect 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 RaspberryPi.

The GrovePi+ is compatible with Raspberry Pi A+,B,B+/2,3.

The new GrovePi+ is CE certified and compatible with Linux and Win 10 IoT.

Note: The Raspberry Pi board is not included.

Technical Specifications

Board Dimensions 180mm × 120mm x 45mm

Kit Weight 323g

Batteries not included

Kit Contains

Grove Pi+

Grove - Rotary Angle Sensor (RS 179-3717)

Grove - Sound Sensor

Grove - LCD RGB Backlight

Grove - Temp&Humi Sensor (RS 174-3237)

Grove - Light Sensor

Grove - Ultrasonic Ranger (RS 174-3238)

Grove - Buzzer

Grove - Relay

Grove - Blue LED

Grove - Green LED

Grove - Red LED

Grove - Button

GrovePi+ Guidebook

10 x Cables

Useful Resources

[GrovePi+ Github](#)

[Designer: Dexter Industries](#)

[GrovePi Forum](#)

[More Grove Sensors Compatibled with Raspberry Pi](#)