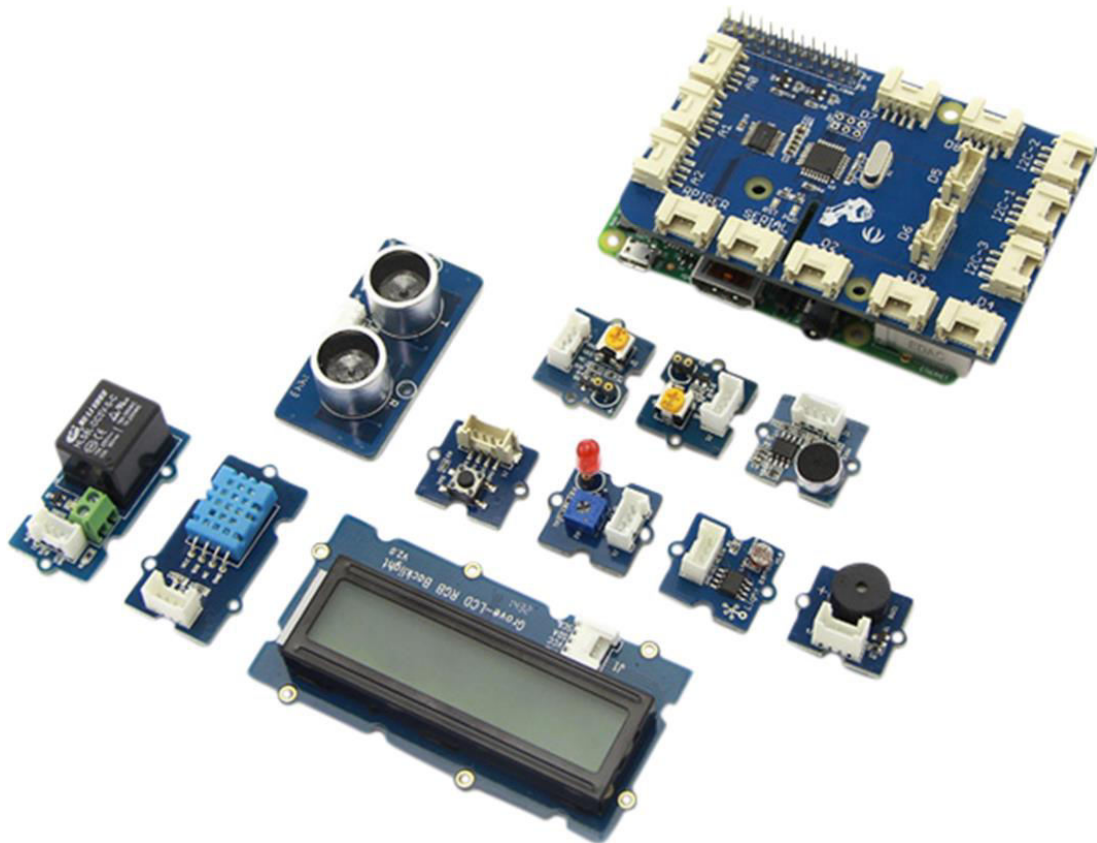




seeed studio
The IoT Hardware Enabler



GrovePi+ Start 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.

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.

Grove modules, which work on analogue and digital signals, 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 Raspberry Pi.

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

Note: The Raspberry Pi board is not included.

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

Technical details

Dimensions	180mm x120mm x45mm
Weight	G.W 323g
Battery	Exclude

Part List

Grove Pi+	1
Grove - Rotary Angle Sensor	1
Grove - Sound Sensor	1
Grove - LCD RGB Backlight	1
Grove - Temp&Humi Sensor	1
Grove - Red LED	1
Grove - Light Sensor	1

Grove - Buzzer	1
Grove - Relay	1
Grove - Blue LED	1
Grove - Button	1
GrovePi+ Guidebook	1
Cables	10
Grove - Ultrasonic Ranger	1
Grove - Green LED	1

ECCN/HTS

HSCODE	9023009000
USHSCODE	90230000
UPC	841454119876
CE	1