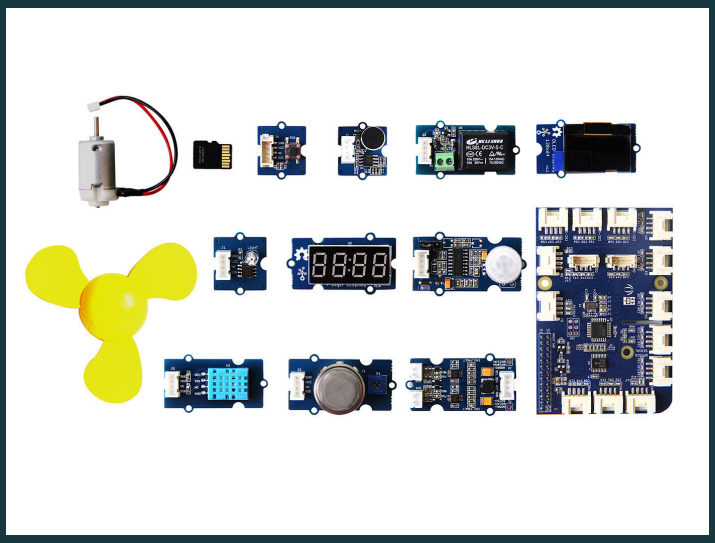
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INDUSTRIAL PRODUCT DATASHEET

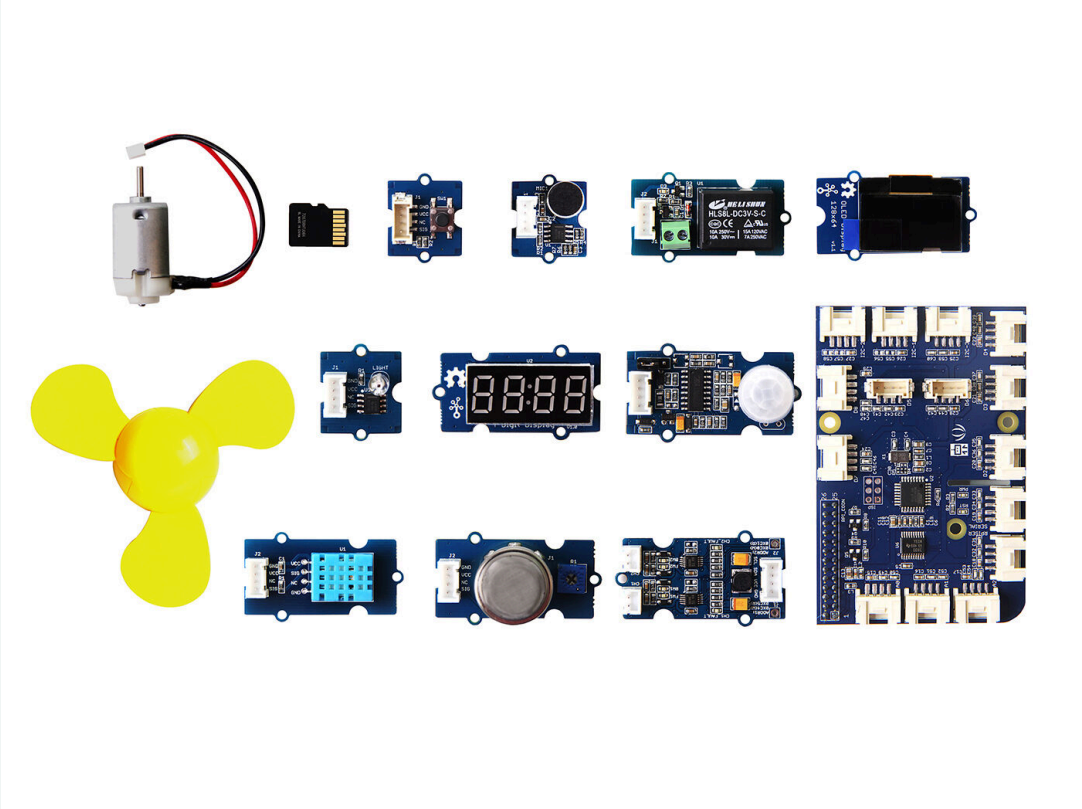
Grove Kit for Win10 IoT Core & Azure Platform

An IoT development kit with a guidebook of five scenarios to quickly learn Windows 10 IoT Core and Microsoft Azure services using Grove modules.

SKU	UPDATED	PRICE
110060742	2026-04-15 08:03:08	$108.40(Excl. VAT)



Overview



The Grove Kit for Win10 IoT Core & Azure Platform is an IoT development kit that focuses on learning Windows 10 IoT Core and Microsoft Azure services, using selected Grove modules for practical projects. It includes a guidebook with five scenarios, supporting Azure IoT Hub and Azure Functions, based on Raspberry Pi.

Key Features

Description
Grove Kit for Win10 IoT Core & Azure Platform is an IoT development kit that contains selected Grove modules designed to be used in projects with Microsoft Azure services.

Unlike the traditional Grove Starter kits, this kit does not concern with how to write hardware drivers or embedded development but helps you quickly understand and learn how to use Windows 10 IoT Core and Microsoft Azure services. To help, we wrote a guidebook for this Grove kit which includes five projects simulating separate scenarios.

Architecture diagram:

Features:

- A guide book for five scenarios
- Support Azure IoT Hub and Azure Functions
- Based on Raspberry Pi and Windows 10 IoT Core

Sample Scenarios:

Scenario 1: Don't catch cold

Check the value of the temperature and humidity sensor. And then tell you not to catch cold when it low.

Scenario 2: Sound&Light and relay

When the Sound or Light sensor is greater than a value triggers the Microsoft Azure Function for relay sensor, then Function connects to the Maker channel of the IFTTT.

Scenario 3: GAS monitor

Gas send data to Azure, if CO's value exceeded, triggering exception Microsoft Azure Function, send eamil to the user, as well as opening mini fan.

Scenario 4: One-Click SOS

Button triggers an SOS event, Microsoft Azure Function sends an email or a call to a family.

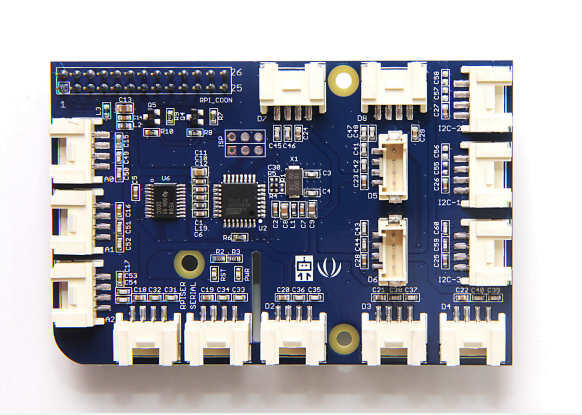
Scenario 5: Human detector

PIR sensor sends human motion events to Microsoft Azure IoT Hub, within half an hour PIR triggers more than three times, recording this and then send a statistical report to PowerBI.

You can check all the guides in our **Github** repository.

Technical Details
Technical details

Product Gallery











Part List

GrovePi+	1
Grove - Temp&Humi Sensor	1
Grove - PIR Motion Sensor	1
Grove - Sound Sensor	1
Grove - Light Sensor v1.2	1
Grove - Gas Sensor (MQ2)	1
Grove - Button	1
Grove - Relay	1
Grove - OLED Display 0.96"	1
Grove - 4 Digit Display	1
Grove - Mini I2C Motor Driver v1.0	1
DC Motor	1
Mini Fan	1

Compliance & Logistics

HSCODE	9023009000
USHSCODE	9023000000
UPC	841454120070
EUHSCODE	9023001000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Grove-Kit-for-Win10-IoT-Core-Azure-Platform.html
- Tutorial
- UWP Code

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