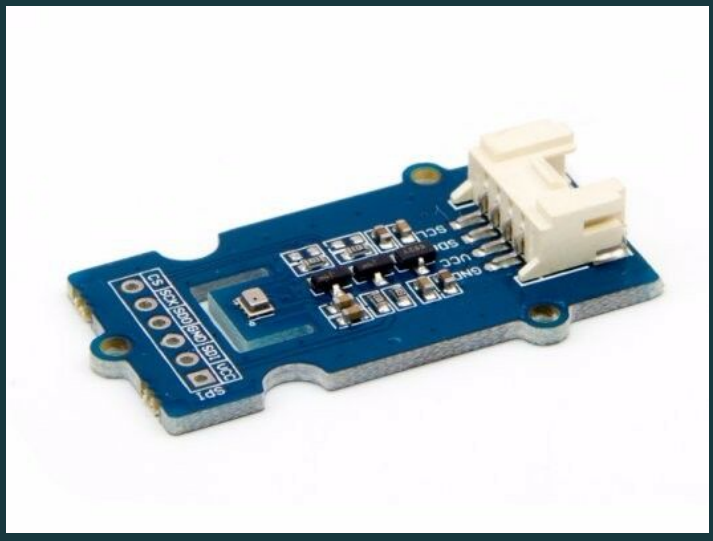
seeed studio

INDUSTRIAL PRODUCT DATASHEET

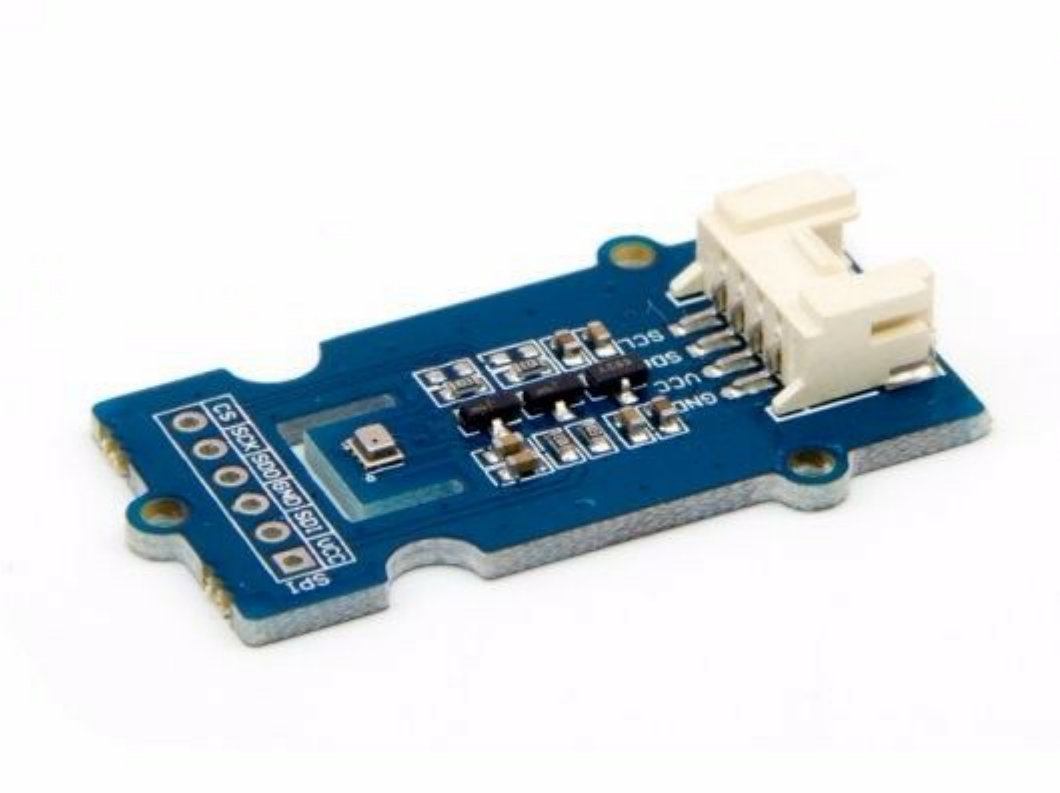
Grove Temperature and Barometer Sensor (BMP280) - Supports I2C and SPI

Grove - BMP280 I2C and SPI Barometric and Temperature Sensor is built around Bosch BMP280.

SKU	UPDATED	PRICE
101020192	2026-11-11 07:44:36	$9.80(Excl. VAT)



Overview



Grove - BMP280 I2C and SPI Barometric and Temperature Sensor is built around Bosch BMP280. It is a low-cost and high-precision environmental sensor measures the temperature and barometer. Grove - BMP280 supports both I2C and SPI communication and we provide the BMP280 Arduino library.

Key Features

01 **High accuracy**

the absolute accuracy of ±1.0 hPa for pressure measurement and ±1 accuracy for temperature measurement

02 **Wide measurement range**

Air pressure was measured from 300hpa to 1100hPa

03 **As altimeter**

It can be used as an altimeter with the accuracy of ±1 meter

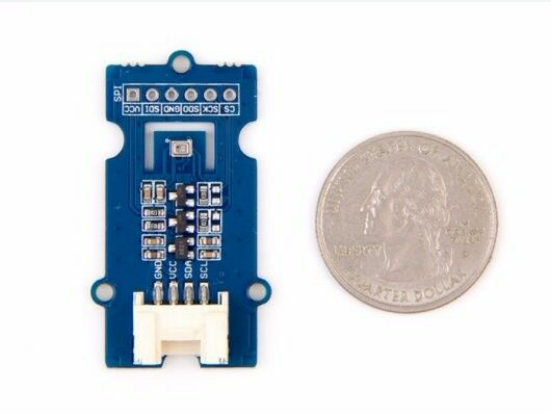
04 **Dual communication interface**

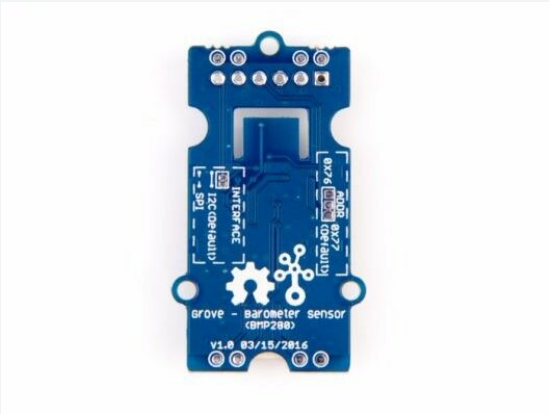
Supports both I2C and SPI communication

05 **Grove compatible interface**

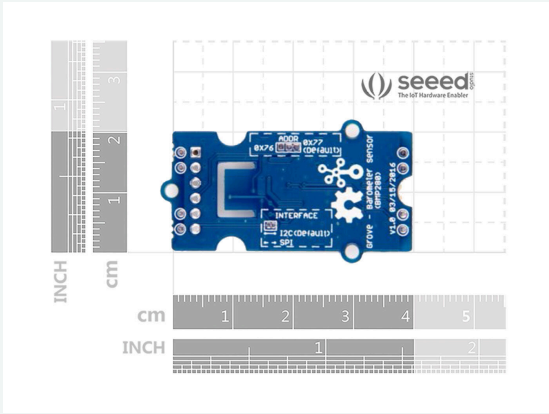
The product ensures "Plug and Play" and could be versatile for various applications of Grove

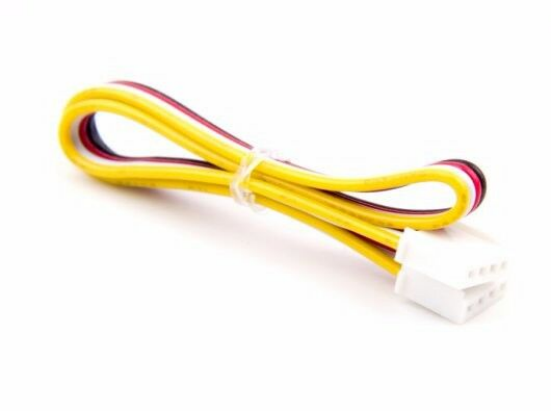
Product Gallery











Resource Links

- https://www.seeedstudio.com/Grove-Barometer-Sensor-BMP280.html
- Grove-Barometer Sensor BMP280 Schematic
- BMP280 Datasheet
- Grove_BMP280 Library
- I2C how-to for Arduino

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com