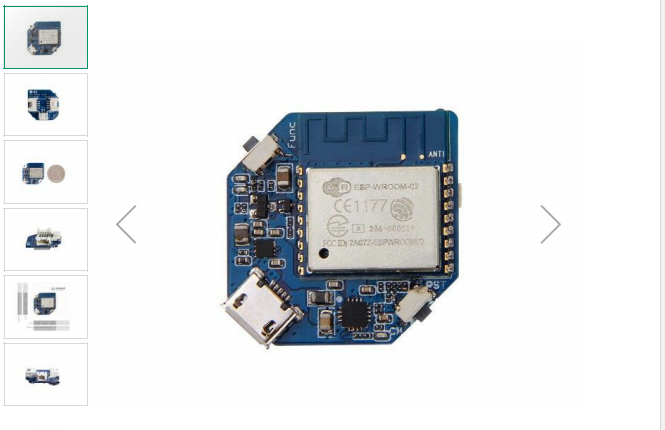

Wio Node

SKU 102110057

9 Reviews

The second member of Wio Link family Cheaper, smaller and also lighter Wio Link platform compatible Compact design 5 minutes to build IoT application

- 1 + US Warehouse

Add to Cart

Tags: wio

Description | Documents | Learn | Reviews | FAQS

Important Notice

Seeed Wio IFTTT function will be EOL by May 2019. The Wio App service keeps no change.

Thank you for your understanding.

Finally, Wio Link now has a little brother – the **Wio Node**.

Wio Node was born with most of the features as its elder brother:

- An **ESP8266** based open-source Wi-Fi development board
- Supports Plug-n-Play Groves
- Visual Configuration
- OTA (Over-The-Air) Firmware Updates
- RESTful APIs
- IFTTT Application
- Android & iOS APPs

But it is **cheaper**, **smaller** and also **lighter** in weight.

Even though the compact design only allows Wio Node to have two Grove connectors, it still offers as many as 2 Digital I/O, 1 Analog Input, 1 UART and 2 I2C interfaces to communicate with up to 42 (and more to come) Grove modules. Setting up an IoT device with Wio Node is piece of cake as all the Grove sensor/actuator modules can be visually configured to RESTful APIs on your mobile APPs, and the physical circuit connections does not involve any bread boarding, soldering, or wire jumpers, once you finish updating the firmware over-the-air (OTA), you'll find out it only takes you 5 minutes to build an IoT application with the Wio Node.

Owing to its low-cost, easy-to-use and compact design, Wio Node can be used to build an IoT system where a large amount of 'things' are required to be connected to the internet. We have provided detailed instructions and rich tutorials at http://iot.seeed.cc/ to help you getting started with your Wio Node easily and quickly. You can also find out more interesting stuff at the Wio Community, where all the Wio fans gather to share their ideas and experiences.

Features

- Cheaper, lighter, smaller, and simpler
- Built around ESP 8266 Wifi module
- Supports Plug-n-Play Groves
- Visual Configuration
- OTA (Over-The-Air) Firmware Updates
- RESTful APIs
- IFTTT Application
- Android & iOS APPs

Technical details

Dimensions	28mm x28mm x6.7mm
Weight	G.W 10g
Battery	Exclude
Wi-Fi Network Protocol	802.11b/g/n
Wi-Fi Encryption Technologies	WEP/TKIP/AES
Expansion (2x Grove Connectors)	UART0/I2C0/D0, Analog/I2C1/D1
Operating Voltage	3V3
Maximum Charge Current	500mA

Analog Input Pins	1
DC Current PER I/O PIN	12mA
Flash Memory	4MByte (W25Q32B)
Input Voltage	
Battery holder	3.0~4.2V
Micro USB	5V

Part List

Wio Node	1

ECCN/HTS

ECCN	5A002.a.1
HSCODE	8543909000
USHSCODE	8517709000
UPC	841454117742