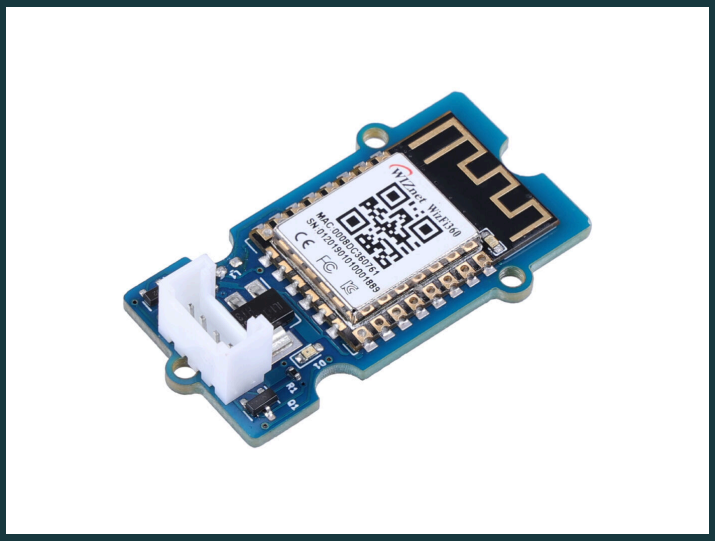
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove UART WizFi360

Cost-effective Wi-Fi module with multi-mode networking, secure encryption, and plug-and-play integration for IoT applications.

SKU	UPDATED	PRICE
101991033	2026-04-15 07:40:15	$14.90(Excl. VAT)



Overview



The Grove UART WizFi360 is a plug-and-play Wi-Fi module based on Wiznet's WizFi360, supporting SoftAP, Station, and SoftAP+Station modes with TCP Server/Client/UDP operation. It features secure WPA_PSK/WPA2_PSK encryption, UART-to-WiFi transparent transmission, and a baud rate range from 600bps to 2Mbps for applications such as home automation, sensor networks, and industrial wireless control.

Key Features

Grove UART WizFi360 is based on Wiznet's wizfi360 Wi-Fi module, which is a cost-effective WiFi module that supports both TCP/IP and microcontroller and multiple modes

- **Compatible with multiple modes:** Support SoftAP/Station/SoftAP+Station mode and TCP Server / TCP Client / UDP operating mode
- **Efficient matching network:** Support auto 20MHz / 40MHz bandwidth, UART to WIFI two-way transparent transmission function can enable users to quickly network
- **Secure communication guarantee:** Support WPA_PSK / WPA2_PSK encryption that provides privacy and security for data communication over the network.
- **View network status in real-time:** The keep-alive and 'ping' commands allow you to monitor the TCP connection and the current network state.
- **Easy to use:** Just a fast & simple plug-and-play device that allows you to easily add wireless capabilities.
- **High compatible baud rate:** Serial port baud rate up from 600bps to 2Mbps with 16 common values

Description

Grove UART WizFi360 is based on **Wiznet's wizfi360 Wi-Fi module**. It is a microcontroller that supports both **TCP/IP** and **microcontrollers**. It takes only a few lines of code to allow your microcontroller to interact with WiFi networks. Each WizFi360 module is **pre-installed AT command set firmware**, which means you can send simple text commands to control the device. And with connectivity provided through a **2.4GHz** wireless connection, as well as WizFi360's compatibility with **IEEE802.11 b/g/n** standards and support for **SoftAP**, **StaTIon**, and **SoftAP+StaTIon** modes. Grove UART WizFi360 saves a lot of time by being a standalone Internet support solution.

The story about Grove UART WizFi360, Grove - UART - WizFi360 is designed by Amal Mathew, he is a firmware engineer by profession and an electronics hobbyist by passion. Amal Mathew designed this Grove because by chance he got an opportunity to work with Wiznet's wizfi360 Wi-Fi module and see that Seeed is co-investing in Grove design activities on LinkedIn.

Grove UART WizFi360 has been licensed to Seeed to sell. Amal will provide the tech support and Seeed will fulfill the order with hardware quality guaranteed. If you are interested in Seeed Licensed Products Program, pls click here to find out more.

If you need tech support you can contact Amal by email at amal@tinkererway.com or through this website

Applications

- Home automation
- Sensor networks
- Mesh networking
- Wearable electronics
- Baby monitor
- Network Camera
- Industrial wireless control
- WiFi beacons
- Smart power plug
- Location-aware applications

Specifications

Part List

FAQ

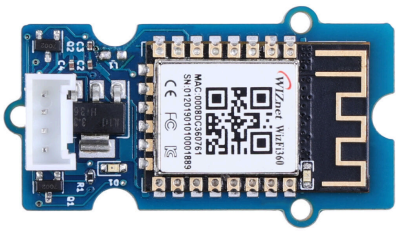
1. What is Grove ?

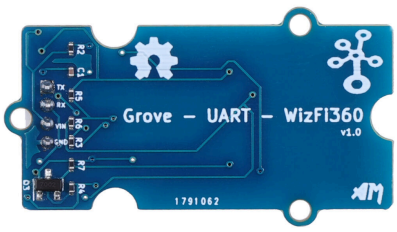
The Grove system consists of open-source, plug-and-play hardware for modular electronics project building. The system helps accelerate electronics project building by doing away with jumper wires and breadboards so engineers can focus on developing solutions and coding. Currently, Seeed Studio has developed over 400 Grove modules ranging from sensors, LEDs, inputs, wireless, displays, actuators, breakouts, kits, and accessories, making the Grove ecosystem one of the most successful hardware development platforms.

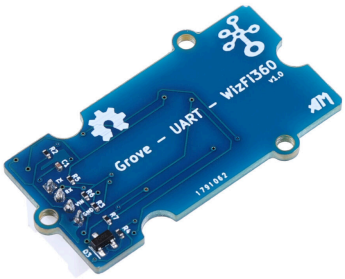
2. What Is Seeed Fusion Licensed Products Program ?

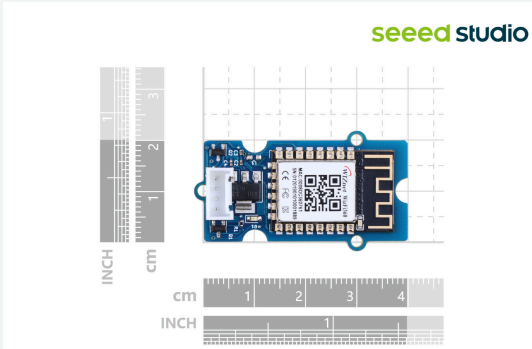
Seeed licensing means that the licensor (cooperative partner) grants its own products (software or hardware), trademarks, brands, etc. to the licensee (Seeed) in the form of a contract. Seeed will assist with all electronics manufacturing including structural parts, testing, certification, provide engineering and quality assurance services, and promotion, sales and distribution around the world using Seeed's own network and channels. Seeed will ensure that your product is well looked after from start to finish.

Product Gallery









Specification

supporting agreement:	802.11 b/g/n
frequency:	2.4 GHz to 2.5 GHz
Data rate:	11 Mb/s, 54 Mb/s
Interface Type:	Serial
Output:	19 dBm
Supply voltage - min:	3 V
Supply voltage - max:	3.6 V
Transmit Supply Current:	210 mA, 230 mA
Receive supply current:	110 mA
Lowest operating temperature:	- 40 C
Highest operating temperature:	+ 85 C
Antenna Connector Type:	PCB
Working power supply voltage:	3 V to 3.6 V
product type:	WiFi Modules
Protocol - WiFi - 802.11:	WiFi

Applications

- Home automation
- Sensor networks
- Mesh networking
- Wearable electronics
- Baby monitor
- Network Camera
- Industrial wireless control
- WiFi beacons
- Smart power plug
- Location-aware applications

Part List

Grove UART WizFi360	x1

Compliance & Logistics

HSCODE	8517709000
USHSCODE	8517790000
UPC	
EUHSCODE	8517180000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Grove-Wizfi360-p-5541.html
- Grove – WizFi360 Module Wiki

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